

LLT® www.connectorllt.com

LLT® www.connectorllt.com

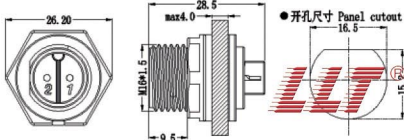
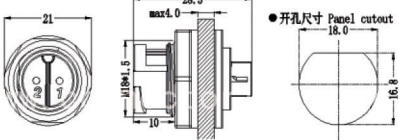
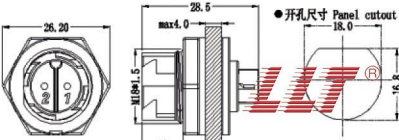
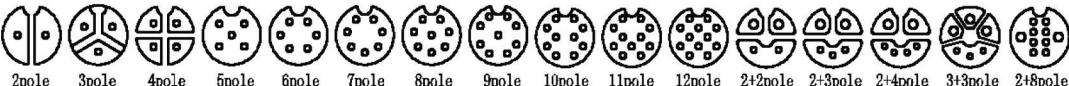


# M16

1. Excellent Quality and Reasonable Prices LLT M16 Waterproof Connector
2. Nylon Material, Gold Plated Pins, Molded with Cable and IP65/IP67 Protection Level
3. Thread Type and Quick lock Type for Your Choice
4. Rating Current: 15A for 2pins, 3pins and 4pins, Rating Current: 5A for 5 pins and 6 pins;  
Max Cable Diameter: 8.0mm

## M16 Series Specifications

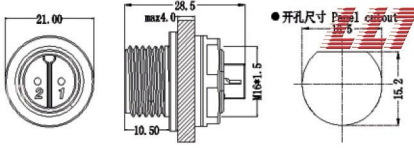
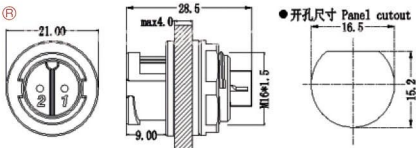
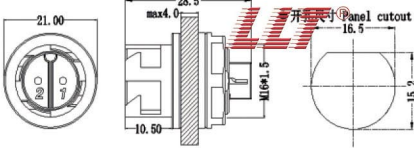
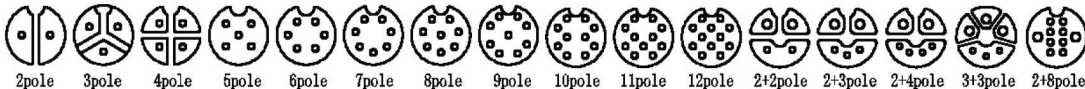
面板式公针---Panel Connector &amp; Male Pin

| 描述<br>Description                                      | 前装面板，螺纹，焊线<br>Front Panel Mount, Thread, Solder                                      | 前装面板，快卡，焊线<br>Front Panel Mount, Bayonet, Solder                                   | 前装面板，自锁，焊线<br>Front Panel Mount, Push Lock, Solder                                  |                       |                      |                      |                      |                      |                      |                      |                      |
|--------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                            |     |   |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 尺寸<br>Drawing                                          |     |  |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 料号<br>Part No.                                         | 芯数<br>Contacts                                                                       | 料号<br>Part No.                                                                     | 芯数<br>Contacts                                                                      | 料号<br>Part No.        | 芯数<br>Contacts       | 料号<br>Part No.       |                      |                      |                      |                      |                      |
|                                                        | 2                                                                                    | LLT-M16-15002M2861                                                                 | 2                                                                                   | LLT-M16-15002M2881    | 2                    | LLT-M16-15002M2841   |                      |                      |                      |                      |                      |
|                                                        | 3                                                                                    | LLT-M16-15003M2861                                                                 | 3                                                                                   | LLT-M16-15003M2881    | 3                    | LLT-M16-15003M2841   |                      |                      |                      |                      |                      |
|                                                        | 4                                                                                    | LLT-M16-15004M2861                                                                 | 4                                                                                   | LLT-M16-15004M2881    | 4                    | LLT-M16-15004M2841   |                      |                      |                      |                      |                      |
|                                                        | 5                                                                                    | LLT-M16-05005M2861                                                                 | 5                                                                                   | LLT-M16-05005M2881    | 5                    | LLT-M16-05005M2841   |                      |                      |                      |                      |                      |
|                                                        | 6                                                                                    | LLT-M16-05006M2861                                                                 | 6                                                                                   | LLT-M16-05006M2881    | 6                    | LLT-M16-05006M2841   |                      |                      |                      |                      |                      |
|                                                        | 7                                                                                    | LLT-M16-05007M2861                                                                 | 7                                                                                   | LLT-M16-05007M2881    | 7                    | LLT-M16-05007M2841   |                      |                      |                      |                      |                      |
|                                                        | 8                                                                                    | LLT-M16-05008M2861                                                                 | 8                                                                                   | LLT-M16-05008M2881    | 8                    | LLT-M16-05008M2841   |                      |                      |                      |                      |                      |
|                                                        | 9                                                                                    | LLT-M16-05009M2861                                                                 | 9                                                                                   | LLT-M16-05009M2881    | 9                    | LLT-M16-05009M2841   |                      |                      |                      |                      |                      |
|                                                        | 10                                                                                   | LLT-M16-05010M2861                                                                 | 10                                                                                  | LLT-M16-05010M2881    | 10                   | LLT-M16-05010M2841   |                      |                      |                      |                      |                      |
|                                                        | 11                                                                                   | LLT-M16-05011M2861                                                                 | 11                                                                                  | LLT-M16-05011M2881    | 11                   | LLT-M16-05011M2841   |                      |                      |                      |                      |                      |
|                                                        | 12                                                                                   | LLT-M16-05012M2861                                                                 | 12                                                                                  | LLT-M16-05012M2881    | 12                   | LLT-M16-05012M2841   |                      |                      |                      |                      |                      |
|                                                        | 2+2                                                                                  | LLT-M16-15202M2861                                                                 | 2+2                                                                                 | LLT-M16-15202M2881    | 2+2                  | LLT-M16-15202M2841   |                      |                      |                      |                      |                      |
|                                                        | 2+3                                                                                  | LLT-M16-15203M2861                                                                 | 2+3                                                                                 | LLT-M16-15203M2881    | 2+3                  | LLT-M16-15203M2841   |                      |                      |                      |                      |                      |
|                                                        | 2+4                                                                                  | LLT-M16-15204M2861                                                                 | 2+4                                                                                 | LLT-M16-15204M2881    | 2+4                  | LLT-M16-15204M2841   |                      |                      |                      |                      |                      |
|                                                        | 3+3                                                                                  | LLT-M16-15303M2861                                                                 | 3+3                                                                                 | LLT-M16-15303M2881    | 3+3                  | LLT-M16-15303M2841   |                      |                      |                      |                      |                      |
| 2+8                                                    | LLT-M16-15208M2861                                                                   | 2+8                                                                                | LLT-M16-15208M2881                                                                  | 2+8                   | LLT-M16-15208M2841   |                      |                      |                      |                      |                      |                      |
| 芯数<br>Contacts Numbers                                 | 2                                                                                    | 3                                                                                  | 4                                                                                   | 5                     | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   |
| 额定电压<br>Voltage Rating                                 | 250V                                                                                 | 250V                                                                               | 250V                                                                                | 110V                  | 110V                 | 110V                 | 110V                 | 60V                  | 60V                  | 60V                  | 60V                  |
| 额定电流<br>Current Rating                                 | 15A                                                                                  | 15A                                                                                | 15A                                                                                 | 5A                    | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                     | <=1.5mm <sup>2</sup>                                                                 | <=1.5mm <sup>2</sup>                                                               | <=1.0mm <sup>2</sup>                                                                | <=0.75mm <sup>2</sup> | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 面板厚度<br>Panel Thickness                                | 1mm-3mm                                                                              |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                               | 3000 mating cycles                                                                   |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                               | -40℃ - +105℃                                                                         |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                               | IP67                                                                                 |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                     |  |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 备注：与第37,38页连接器互配（Matched with Connector in Page 37,38） |                                                                                      |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |



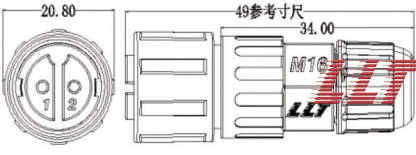
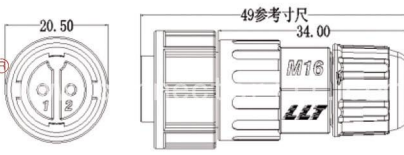
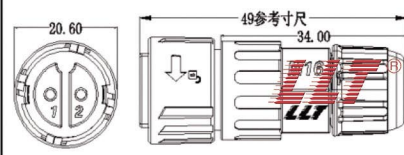
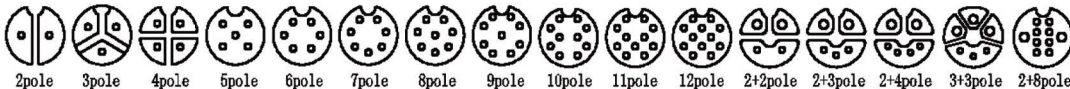
## M16 Series Specifications

面板式公针---Panel Connector &amp; Male Pin

| 描述<br>Description                                       | 后装面板，螺纹，焊线<br>Rear Panel Mount, Thread, Solder                                       | 后装面板，快卡，焊线<br>Rear Panel Mount, Bayonet, Solder                                    | 后装面板，自锁，焊线<br>Rear Panel Mount, Push Lock, Solder                                   |                       |                      |                      |                      |                      |                      |                      |                      |
|---------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                             |     |   |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 尺寸<br>Drawing                                           |     |  |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 料号<br>Part No.                                          | 芯数<br>Contacts                                                                       | 料号<br>Part No.                                                                     | 芯数<br>Contacts                                                                      | 料号<br>Part No.        | 芯数<br>Contacts       | 料号<br>Part No.       |                      |                      |                      |                      |                      |
|                                                         | 2                                                                                    | LLT-M16-15002M2961                                                                 | 2                                                                                   | LLT-M16-15002M2981    | 2                    | LLT-M16-15002M2941   |                      |                      |                      |                      |                      |
|                                                         | 3                                                                                    | LLT-M16-15003M2961                                                                 | 3                                                                                   | LLT-M16-15003M2981    | 3                    | LLT-M16-15003M2941   |                      |                      |                      |                      |                      |
|                                                         | 4                                                                                    | LLT-M16-15004M2961                                                                 | 4                                                                                   | LLT-M16-15004M2981    | 4                    | LLT-M16-15004M2941   |                      |                      |                      |                      |                      |
|                                                         | 5                                                                                    | LLT-M16-05005M2961                                                                 | 5                                                                                   | LLT-M16-05005M2981    | 5                    | LLT-M16-05005M2941   |                      |                      |                      |                      |                      |
|                                                         | 6                                                                                    | LLT-M16-05006M2961                                                                 | 6                                                                                   | LLT-M16-05006M2981    | 6                    | LLT-M16-05006M2941   |                      |                      |                      |                      |                      |
|                                                         | 7                                                                                    | LLT-M16-05007M2961                                                                 | 7                                                                                   | LLT-M16-05007M2981    | 7                    | LLT-M16-05007M2941   |                      |                      |                      |                      |                      |
|                                                         | 8                                                                                    | LLT-M16-05008M2961                                                                 | 8                                                                                   | LLT-M16-05008M2981    | 8                    | LLT-M16-05008M2941   |                      |                      |                      |                      |                      |
|                                                         | 9                                                                                    | LLT-M16-05009M2961                                                                 | 9                                                                                   | LLT-M16-05009M2981    | 9                    | LLT-M16-05009M2941   |                      |                      |                      |                      |                      |
|                                                         | 10                                                                                   | LLT-M16-05010M2961                                                                 | 10                                                                                  | LLT-M16-05010M2981    | 10                   | LLT-M16-05010M2941   |                      |                      |                      |                      |                      |
|                                                         | 11                                                                                   | LLT-M16-05011M2961                                                                 | 11                                                                                  | LLT-M16-05011M2981    | 11                   | LLT-M16-05011M2941   |                      |                      |                      |                      |                      |
|                                                         | 12                                                                                   | LLT-M16-05012M2961                                                                 | 12                                                                                  | LLT-M16-05012M2981    | 12                   | LLT-M16-05012M2941   |                      |                      |                      |                      |                      |
|                                                         | 2+2                                                                                  | LLT-M16-15202M2961                                                                 | 2+2                                                                                 | LLT-M16-15202M2981    | 2+2                  | LLT-M16-15202M2941   |                      |                      |                      |                      |                      |
|                                                         | 2+3                                                                                  | LLT-M16-15203M2961                                                                 | 2+3                                                                                 | LLT-M16-15203M2981    | 2+3                  | LLT-M16-15203M2941   |                      |                      |                      |                      |                      |
|                                                         | 2+4                                                                                  | LLT-M16-15204M2961                                                                 | 2+4                                                                                 | LLT-M16-15204M2981    | 2+4                  | LLT-M16-15204M2941   |                      |                      |                      |                      |                      |
|                                                         | 3+3                                                                                  | LLT-M16-15303M2961                                                                 | 3+3                                                                                 | LLT-M16-15303M2981    | 3+3                  | LLT-M16-15303M2941   |                      |                      |                      |                      |                      |
|                                                         | 2+8                                                                                  | LLT-M16-15208M2961                                                                 | 2+8                                                                                 | LLT-M16-15208M2981    | 2+8                  | LLT-M16-15208M2941   |                      |                      |                      |                      |                      |
| 芯数<br>Contacts Numbers                                  | 2                                                                                    | 3                                                                                  | 4                                                                                   | 5                     | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   |
| 额定电压<br>Voltage Rating                                  | 250V                                                                                 | 250V                                                                               | 250V                                                                                | 110V                  | 110V                 | 110V                 | 110V                 | 60V                  | 60V                  | 60V                  | 60V                  |
| 额定电流<br>Current Rating                                  | 15A                                                                                  | 15A                                                                                | 15A                                                                                 | 5A                    | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                      | <=1.5mm <sup>2</sup>                                                                 | <=1.5mm <sup>2</sup>                                                               | <=1.0mm <sup>2</sup>                                                                | <=0.75mm <sup>2</sup> | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 面板厚度<br>Panel Thickness                                 | 1mm-3mm                                                                              |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                                | 3000 mating cycles                                                                   |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                                | -40℃ - +105℃                                                                         |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                                | IP67                                                                                 |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                      |  |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 备注：与第37,38 页连接器互配（Matched with Connector in Page 37,38） |                                                                                      |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |

# M16 Series Specifications

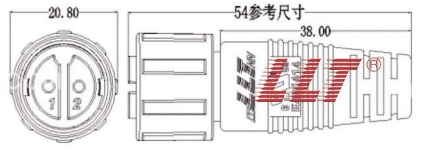
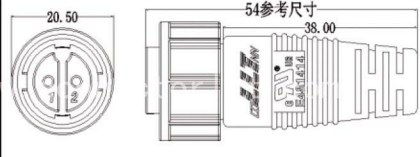
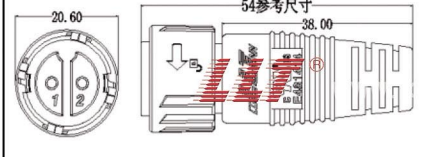
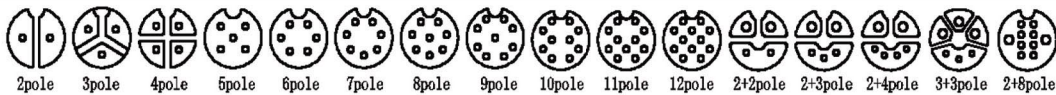
公接头母针---Male Connector & Female Pin

| 描述<br>Description                                                   | 组装式，螺纹，焊接<br>Field Assembly, Thread, Solder                                          | 组装式，快卡，焊接<br>Field Assembly, Bayonet, Solder                                       | 组装式，自锁，焊接<br>Field Assembly, Push Lock, Solder                                      |                       |                      |                      |                      |                      |                      |                      |                      |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                                         |     |  |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 尺寸<br>Drawing                                                       |     |  |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 料号<br>Part No.                                                      | 芯数<br>Contacts                                                                       | 料号<br>Part No.                                                                     | 芯数<br>Contacts                                                                      | 料号<br>Part No.        | 芯数<br>Contacts       | 料号<br>Part No.       |                      |                      |                      |                      |                      |
|                                                                     | 2                                                                                    | LLT-M16-15002F1051                                                                 | 2                                                                                   | LLT-M16-15002F1071    | 2                    | LLT-M16-15002F1031   |                      |                      |                      |                      |                      |
|                                                                     | 3                                                                                    | LLT-M16-15003F1051                                                                 | 3                                                                                   | LLT-M16-15003F1071    | 3                    | LLT-M16-15003F1031   |                      |                      |                      |                      |                      |
|                                                                     | 4                                                                                    | LLT-M16-15004F1051                                                                 | 4                                                                                   | LLT-M16-15004F1071    | 4                    | LLT-M16-15004F1031   |                      |                      |                      |                      |                      |
|                                                                     | 5                                                                                    | LLT-M16-05005F1051                                                                 | 5                                                                                   | LLT-M16-05005F1071    | 5                    | LLT-M16-05005F1031   |                      |                      |                      |                      |                      |
|                                                                     | 6                                                                                    | LLT-M16-05006F1051                                                                 | 6                                                                                   | LLT-M16-05006F1071    | 6                    | LLT-M16-05006F1031   |                      |                      |                      |                      |                      |
|                                                                     | 7                                                                                    | LLT-M16-05007F1051                                                                 | 7                                                                                   | LLT-M16-05007F1071    | 7                    | LLT-M16-05007F1031   |                      |                      |                      |                      |                      |
|                                                                     | 8                                                                                    | LLT-M16-05008F1051                                                                 | 8                                                                                   | LLT-M16-05008F1071    | 8                    | LLT-M16-05008F1031   |                      |                      |                      |                      |                      |
|                                                                     | 9                                                                                    | LLT-M16-05009F1051                                                                 | 9                                                                                   | LLT-M16-05009F1071    | 9                    | LLT-M16-05009F1031   |                      |                      |                      |                      |                      |
|                                                                     | 10                                                                                   | LLT-M16-05010F1051                                                                 | 10                                                                                  | LLT-M16-05010F1071    | 10                   | LLT-M16-05010F1031   |                      |                      |                      |                      |                      |
|                                                                     | 11                                                                                   | LLT-M16-05011F1051                                                                 | 11                                                                                  | LLT-M16-05011F1071    | 11                   | LLT-M16-05011F1031   |                      |                      |                      |                      |                      |
|                                                                     | 12                                                                                   | LLT-M16-05012F1051                                                                 | 12                                                                                  | LLT-M16-05012F1071    | 12                   | LLT-M16-05012F1031   |                      |                      |                      |                      |                      |
|                                                                     | 2+2                                                                                  | LLT-M16-15202F1051                                                                 | 2+2                                                                                 | LLT-M16-15202F1071    | 2+2                  | LLT-M16-15202F1031   |                      |                      |                      |                      |                      |
|                                                                     | 2+3                                                                                  | LLT-M16-15203F1051                                                                 | 2+3                                                                                 | LLT-M16-15203F1071    | 2+3                  | LLT-M16-15203F1031   |                      |                      |                      |                      |                      |
|                                                                     | 2+4                                                                                  | LLT-M16-15204F1051                                                                 | 2+4                                                                                 | LLT-M16-15204F1071    | 2+4                  | LLT-M16-15204F1031   |                      |                      |                      |                      |                      |
|                                                                     | 3+3                                                                                  | LLT-M16-15303F1051                                                                 | 3+3                                                                                 | LLT-M16-15303F1071    | 3+3                  | LLT-M16-15303F1031   |                      |                      |                      |                      |                      |
|                                                                     | 2+8                                                                                  | LLT-M16-15208F1051                                                                 | 2+8                                                                                 | LLT-M16-15208F1071    | 2+8                  | LLT-M16-15208F1031   |                      |                      |                      |                      |                      |
| 芯数<br>Contacts Numbers                                              | 2                                                                                    | 3                                                                                  | 4                                                                                   | 5                     | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   |
| 额定电压<br>Voltage Rating                                              | 250V                                                                                 | 250V                                                                               | 250V                                                                                | 110V                  | 110V                 | 110V                 | 110V                 | 60V                  | 60V                  | 60V                  | 60V                  |
| 额定电流<br>Current Rating                                              | 15A                                                                                  | 15A                                                                                | 15A                                                                                 | 5A                    | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                                  | <=1.5mm <sup>2</sup>                                                                 | <=1.5mm <sup>2</sup>                                                               | <=1.0mm <sup>2</sup>                                                                | <=0.75mm <sup>2</sup> | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 线材外径<br>Cable OD                                                    | 3.5mm-8.5mm                                                                          |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                                            | 3000 mating cycles                                                                   |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                                            | -40℃ - +105℃                                                                         |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                                            | IP67                                                                                 |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                                  |  |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 备注：与第35,36,39,40 页连接器互配（Matched with Connector in Page 35,36,39,40） |                                                                                      |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |



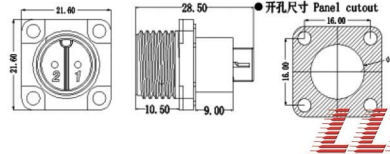
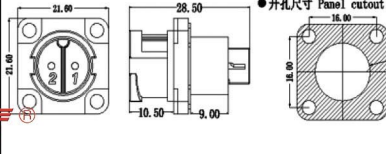
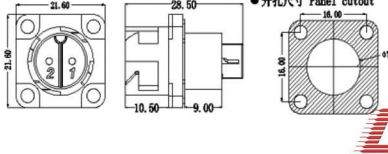
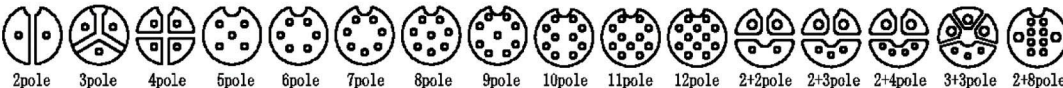
M16 Series Specifications

公接头母针---Male Connector & Female Pin

| 描述<br>Description                                                    | 注塑，螺纹，焊接<br>Molded with Cable, Thread, Solder                                        |                    |          | 注塑，快卡，焊接<br>Molded with Cable, Bayonet, Solder                                     |                    |          | 注塑式，自锁，焊接<br>Molded with Cable, Push Lock, Solder                                   |                    |          |          |          |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------|----------|------------------------------------------------------------------------------------|--------------------|----------|-------------------------------------------------------------------------------------|--------------------|----------|----------|----------|
| 照片<br>Photo                                                          |     |                    |          |  |                    |          |  |                    |          |          |          |
| 尺寸<br>Drawing                                                        |     |                    |          |  |                    |          |  |                    |          |          |          |
| 料号<br>Part No.                                                       | 芯数<br>Contacts                                                                       | 料号<br>Part No.     |          | 芯数<br>Contacts                                                                     | 料号<br>Part No.     |          | 芯数<br>Contacts                                                                      | 料号<br>Part No.     |          |          |          |
|                                                                      | 2                                                                                    | LLT-M16-15002F3054 |          | 2                                                                                  | LLT-M16-15002F3074 |          | 2                                                                                   | LLT-M16-15002F3034 |          |          |          |
|                                                                      | 3                                                                                    | LLT-M16-15003F3054 |          | 3                                                                                  | LLT-M16-15003F3074 |          | 3                                                                                   | LLT-M16-15003F3034 |          |          |          |
|                                                                      | 4                                                                                    | LLT-M16-15004F3054 |          | 4                                                                                  | LLT-M16-15004F3074 |          | 4                                                                                   | LLT-M16-15004F3034 |          |          |          |
|                                                                      | 5                                                                                    | LLT-M16-05005F3054 |          | 5                                                                                  | LLT-M16-05005F3074 |          | 5                                                                                   | LLT-M16-05005F3034 |          |          |          |
|                                                                      | 6                                                                                    | LLT-M16-05006F3054 |          | 6                                                                                  | LLT-M16-05006F3074 |          | 6                                                                                   | LLT-M16-05006F3034 |          |          |          |
|                                                                      | 7                                                                                    | LLT-M16-05007F3054 |          | 7                                                                                  | LLT-M16-05007F3074 |          | 7                                                                                   | LLT-M16-05007F3034 |          |          |          |
|                                                                      | 8                                                                                    | LLT-M16-05008F3054 |          | 8                                                                                  | LLT-M16-05008F3074 |          | 8                                                                                   | LLT-M16-05008F3034 |          |          |          |
|                                                                      | 9                                                                                    | LLT-M16-05009F3054 |          | 9                                                                                  | LLT-M16-05009F3074 |          | 9                                                                                   | LLT-M16-05009F3034 |          |          |          |
|                                                                      | 10                                                                                   | LLT-M16-05010F3054 |          | 10                                                                                 | LLT-M16-05010F3074 |          | 10                                                                                  | LLT-M16-05010F3034 |          |          |          |
|                                                                      | 11                                                                                   | LLT-M16-05011F3054 |          | 11                                                                                 | LLT-M16-05011F3074 |          | 11                                                                                  | LLT-M16-05011F3034 |          |          |          |
|                                                                      | 12                                                                                   | LLT-M16-05012F3054 |          | 12                                                                                 | LLT-M16-05012F3074 |          | 12                                                                                  | LLT-M16-05012F3034 |          |          |          |
|                                                                      | 2+2                                                                                  | LLT-M16-15202F3054 |          | 2+2                                                                                | LLT-M16-15202F3074 |          | 2+2                                                                                 | LLT-M16-15202F3034 |          |          |          |
|                                                                      | 2+3                                                                                  | LLT-M16-15203F3054 |          | 2+3                                                                                | LLT-M16-15203F3074 |          | 2+3                                                                                 | LLT-M16-15203F3034 |          |          |          |
|                                                                      | 2+4                                                                                  | LLT-M16-15204F3054 |          | 2+4                                                                                | LLT-M16-15204F3074 |          | 2+4                                                                                 | LLT-M16-15204F3034 |          |          |          |
|                                                                      | 3+3                                                                                  | LLT-M16-15303F3054 |          | 3+3                                                                                | LLT-M16-15303F3074 |          | 3+3                                                                                 | LLT-M16-15303F3034 |          |          |          |
|                                                                      | 2+8                                                                                  | LLT-M16-15208F3054 |          | 2+8                                                                                | LLT-M16-15208F3074 |          | 2+8                                                                                 | LLT-M16-15208F3034 |          |          |          |
| 芯数<br>Contacts Numbers                                               | 2                                                                                    | 3                  | 4        | 5                                                                                  | 6                  | 7        | 8                                                                                   | 9                  | 10       | 11       | 12       |
| 额定电压<br>Voltage Rating                                               | 250V                                                                                 | 250V               | 250V     | 110V                                                                               | 110V               | 110V     | 110V                                                                                | 60V                | 60V      | 60V      | 60V      |
| 额定电流<br>Current Rating                                               | 15A                                                                                  | 15A                | 15A      | 5A                                                                                 | 5A                 | 5A       | 5A                                                                                  | 5A                 | 5A       | 5A       | 5A       |
| 线材匹配<br>Wire Gague                                                   | <=1.5mm2                                                                             | <=1.5mm2           | <=1.0mm2 | <=0.75mm2                                                                          | <=0.5mm2           | <=0.3mm2 | <=0.3mm2                                                                            | <=0.2mm2           | <=0.2mm2 | <=0.2mm2 | <=0.2mm2 |
| 线材外径<br>Cable OD                                                     | 3.5mm-8.5mm                                                                          |                    |          |                                                                                    |                    |          |                                                                                     |                    |          |          |          |
| 可插拔次数<br>Mechanical Life                                             | 3000 mating cycles                                                                   |                    |          |                                                                                    |                    |          |                                                                                     |                    |          |          |          |
| 工作温度<br>Operating Rating                                             | -40℃ - +105℃                                                                         |                    |          |                                                                                    |                    |          |                                                                                     |                    |          |          |          |
| 防水等级<br>Waterproof Level                                             | IP65                                                                                 |                    |          |                                                                                    |                    |          |                                                                                     |                    |          |          |          |
| 五金排列<br>Pin Layout                                                   |  |                    |          |                                                                                    |                    |          |                                                                                     |                    |          |          |          |
| 备注：与第 35,36,39,40 页连接器互配（Matched with Connector in Page 35,36,39,40） |                                                                                      |                    |          |                                                                                    |                    |          |                                                                                     |                    |          |          |          |

## M16 Series Specifications

法兰式公针---Flanged Connector &amp; Male Pin

| 描述<br>Description                                       | 法兰式，螺纹，焊线<br>Flanged, Thread, Solder                                                                                                                                                                 | 法兰式，快卡，焊线<br>Flanged, Bayonet, Solder                                              | 法兰式，自锁，焊线<br>Flanged, Push Lock, Solder                                             |                       |                      |                      |                      |                      |                      |                      |                      |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                             |                                                                                                                     |   |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 尺寸<br>Drawing                                           |                                                                                                                     |  |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 料号<br>Part No.                                          | 芯数<br>Contacts                                                                                                                                                                                       | 料号<br>Part No.                                                                     | 芯数<br>Contacts                                                                      | 料号<br>Part No.        | 芯数<br>Contacts       | 料号<br>Part No.       |                      |                      |                      |                      |                      |
|                                                         | 2                                                                                                                                                                                                    | LLT-M16-15002M4961                                                                 | 2                                                                                   | LLT-M16-15002M4981    | 2                    | LLT-M16-15002M4941   |                      |                      |                      |                      |                      |
|                                                         | 3                                                                                                                                                                                                    | LLT-M16-15003M4961                                                                 | 3                                                                                   | LLT-M16-15003M4981    | 3                    | LLT-M16-15003M4941   |                      |                      |                      |                      |                      |
|                                                         | 4                                                                                                                                                                                                    | LLT-M16-15004M4961                                                                 | 4                                                                                   | LLT-M16-15004M4981    | 4                    | LLT-M16-15004M4941   |                      |                      |                      |                      |                      |
|                                                         | 5                                                                                                                                                                                                    | LLT-M16-05005M4961                                                                 | 5                                                                                   | LLT-M16-05005M4981    | 5                    | LLT-M16-05005M4941   |                      |                      |                      |                      |                      |
|                                                         | 6                                                                                                                                                                                                    | LLT-M16-05006M4961                                                                 | 6                                                                                   | LLT-M16-05006M4981    | 6                    | LLT-M16-05006M4941   |                      |                      |                      |                      |                      |
|                                                         | 7                                                                                                                                                                                                    | LLT-M16-05007M4961                                                                 | 7                                                                                   | LLT-M16-05007M4981    | 7                    | LLT-M16-05007M4941   |                      |                      |                      |                      |                      |
|                                                         | 8                                                                                                                                                                                                    | LLT-M16-05008M4961                                                                 | 8                                                                                   | LLT-M16-05008M4981    | 8                    | LLT-M16-05008M4941   |                      |                      |                      |                      |                      |
|                                                         | 9                                                                                                                                                                                                    | LLT-M16-05009M4961                                                                 | 9                                                                                   | LLT-M16-05009M4981    | 9                    | LLT-M16-05009M4941   |                      |                      |                      |                      |                      |
|                                                         | 10                                                                                                                                                                                                   | LLT-M16-05010M4961                                                                 | 10                                                                                  | LLT-M16-05010M4981    | 10                   | LLT-M16-05010M4941   |                      |                      |                      |                      |                      |
|                                                         | 11                                                                                                                                                                                                   | LLT-M16-05011M4961                                                                 | 11                                                                                  | LLT-M16-05011M4981    | 11                   | LLT-M16-05011M4941   |                      |                      |                      |                      |                      |
|                                                         | 12                                                                                                                                                                                                   | LLT-M16-05012M4961                                                                 | 12                                                                                  | LLT-M16-05012M4981    | 12                   | LLT-M16-05012M4941   |                      |                      |                      |                      |                      |
|                                                         | 2+2                                                                                                                                                                                                  | LLT-M16-15202M4961                                                                 | 2+2                                                                                 | LLT-M16-15202M4981    | 2+2                  | LLT-M16-15202M4941   |                      |                      |                      |                      |                      |
|                                                         | 2+3                                                                                                                                                                                                  | LLT-M16-15203M4961                                                                 | 2+3                                                                                 | LLT-M16-15203M4981    | 2+3                  | LLT-M16-15203M4941   |                      |                      |                      |                      |                      |
|                                                         | 2+4                                                                                                                                                                                                  | LLT-M16-15204M4961                                                                 | 2+4                                                                                 | LLT-M16-15204M4981    | 2+4                  | LLT-M16-15204M4941   |                      |                      |                      |                      |                      |
|                                                         | 3+3                                                                                                                                                                                                  | LLT-M16-15303M4961                                                                 | 3+3                                                                                 | LLT-M16-15303M4981    | 3+3                  | LLT-M16-15303M4941   |                      |                      |                      |                      |                      |
|                                                         | 2+8                                                                                                                                                                                                  | LLT-M16-15208M4961                                                                 | 2+8                                                                                 | LLT-M16-15208M4981    | 2+8                  | LLT-M16-15208M4941   |                      |                      |                      |                      |                      |
| 芯数<br>Contacts Numbers                                  | 2                                                                                                                                                                                                    | 3                                                                                  | 4                                                                                   | 5                     | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   |
| 额定电压<br>Voltage Rating                                  | 250V                                                                                                                                                                                                 | 250V                                                                               | 250V                                                                                | 110V                  | 110V                 | 110V                 | 110V                 | 60V                  | 60V                  | 60V                  | 60V                  |
| 额定电流<br>Current Rating                                  | 15A                                                                                                                                                                                                  | 15A                                                                                | 15A                                                                                 | 5A                    | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                      | <=1.5mm <sup>2</sup>                                                                                                                                                                                 | <=1.5mm <sup>2</sup>                                                               | <=1.0mm <sup>2</sup>                                                                | <=0.75mm <sup>2</sup> | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 面板厚度<br>Panel Thickness                                 | 1mm-3mm                                                                                                                                                                                              |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                                | 3000 mating cycles                                                                                                                                                                                   |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                                | -40℃ - +105℃                                                                                                                                                                                         |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                                | IP67                                                                                                                                                                                                 |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                      | <br>2pole 3pole 4pole 5pole 6pole 7pole 8pole 9pole 10pole 11pole 12pole 2+2pole 2+3pole 2+4pole 3+3pole 2+8pole |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 备注：与第37,38 页连接器互配（Matched with Connector in Page 37,38） |                                                                                                                                                                                                      |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |

备注: 与第37,38 页连接器互配 (Matched with Connector in Page 37,38)



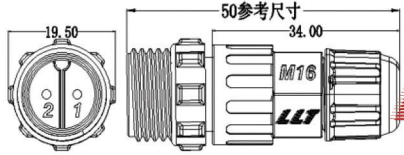
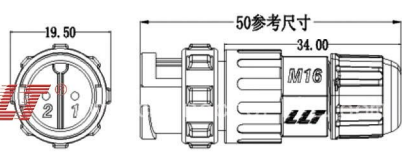
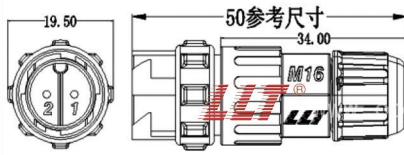
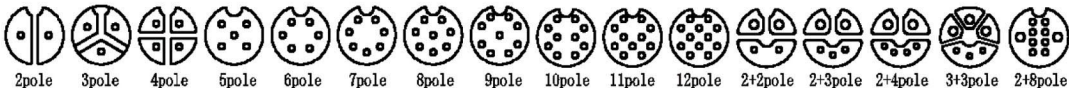
# M16 Series Specifications

法兰式母针---Flanged Connector & Female Pin

| 描述<br>Description                                            | 法兰式，螺纹，焊线<br>Flanged, Thread, Solder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                      | 法兰式，快卡，焊线<br>Flanged, Bayonet, Solder |                      |                      | 法兰式，自锁，焊线<br>Flanged, Push Lock, Solder |                      |                      |                      |                      |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|---------------------------------------|----------------------|----------------------|-----------------------------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                      |                                       |                      |                      |                                         |                      |                      |                      |                      |
| 尺寸<br>Drawing                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                      |                                       |                      |                      |                                         |                      |                      |                      |                      |
| 料号<br>Part No.                                               | 芯数<br>Contacts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 料号<br>Part No.       |                      | 芯数<br>Contacts                        | 料号<br>Part No.       |                      | 芯数<br>Contacts                          | 料号<br>Part No.       |                      |                      |                      |
|                                                              | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LLT-M16-15002F4961   |                      | 2                                     | LLT-M16-15002F4981   |                      | 2                                       | LLT-M16-15002F4941   |                      |                      |                      |
|                                                              | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LLT-M16-15003F4961   |                      | 3                                     | LLT-M16-15003F4981   |                      | 3                                       | LLT-M16-15003F4941   |                      |                      |                      |
|                                                              | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LLT-M16-15004F4961   |                      | 4                                     | LLT-M16-15004F4981   |                      | 4                                       | LLT-M16-15004F4941   |                      |                      |                      |
|                                                              | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LLT-M16-05005F4961   |                      | 5                                     | LLT-M16-05005F4981   |                      | 5                                       | LLT-M16-05005F4941   |                      |                      |                      |
|                                                              | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LLT-M16-05006F4961   |                      | 6                                     | LLT-M16-05006F4981   |                      | 6                                       | LLT-M16-05006F4941   |                      |                      |                      |
|                                                              | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LLT-M16-05007F4961   |                      | 7                                     | LLT-M16-05007F4981   |                      | 7                                       | LLT-M16-05007F4941   |                      |                      |                      |
|                                                              | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LLT-M16-05008F4961   |                      | 8                                     | LLT-M16-05008F4981   |                      | 8                                       | LLT-M16-05008F4941   |                      |                      |                      |
|                                                              | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LLT-M16-05009F4961   |                      | 9                                     | LLT-M16-05009F4981   |                      | 9                                       | LLT-M16-05009F4941   |                      |                      |                      |
|                                                              | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LLT-M16-05010F4961   |                      | 10                                    | LLT-M16-05010F4981   |                      | 10                                      | LLT-M16-05010F4941   |                      |                      |                      |
|                                                              | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LLT-M16-05011F4961   |                      | 11                                    | LLT-M16-05011F4981   |                      | 11                                      | LLT-M16-05011F4941   |                      |                      |                      |
|                                                              | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LLT-M16-05012F4961   |                      | 12                                    | LLT-M16-05012F4981   |                      | 12                                      | LLT-M16-05012F4941   |                      |                      |                      |
|                                                              | 2+2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LLT-M16-15202F4961   |                      | 2+2                                   | LLT-M16-15202F4981   |                      | 2+2                                     | LLT-M16-15202F4941   |                      |                      |                      |
|                                                              | 2+3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LLT-M16-15203F4961   |                      | 2+3                                   | LLT-M16-15203F4981   |                      | 2+3                                     | LLT-M16-15203F4941   |                      |                      |                      |
|                                                              | 2+4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LLT-M16-15204F4961   |                      | 2+4                                   | LLT-M16-15204F4981   |                      | 2+4                                     | LLT-M16-15204F4941   |                      |                      |                      |
|                                                              | 3+3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LLT-M16-15303F4961   |                      | 3+3                                   | LLT-M16-15303F4981   |                      | 3+3                                     | LLT-M16-15303F4941   |                      |                      |                      |
|                                                              | 2+8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LLT-M16-15208F4961   |                      | 2+8                                   | LLT-M16-15208F4981   |                      | 2+8                                     | LLT-M16-15208F4941   |                      |                      |                      |
| 芯数<br>Contacts Numbers                                       | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3                    | 4                    | 5                                     | 6                    | 7                    | 8                                       | 9                    | 10                   | 11                   | 12                   |
| 额定电压<br>Voltage Rating                                       | 250V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 250V                 | 250V                 | 110V                                  | 110V                 | 110V                 | 110V                                    | 60V                  | 60V                  | 60V                  | 60V                  |
| 额定电流<br>Current Rating                                       | 15A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 15A                  | 15A                  | 5A                                    | 5A                   | 5A                   | 5A                                      | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                           | <=1.5mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <=1.5mm <sup>2</sup> | <=1.0mm <sup>2</sup> | <=0.75mm <sup>2</sup>                 | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup>                    | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 面板厚度<br>Panel Thickness                                      | 1mm-3mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                      |                                       |                      |                      |                                         |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                                     | 3000 mating cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |                      |                                       |                      |                      |                                         |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                                     | -40℃ - +105℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                      |                                       |                      |                      |                                         |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                                     | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                      |                                       |                      |                      |                                         |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                           | <div></div> <div>2pole 3pole 4pole 5pole 6pole 7pole 8pole 9pole</div> |                      |                      |                                       |                      |                      |                                         |                      |                      |                      |                      |
| 备注：与第37,38,39页连接器互配（Matched with Connector in Page 37,38,39） |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                      |                                       |                      |                      |                                         |                      |                      |                      |                      |

## M16 Series Specifications

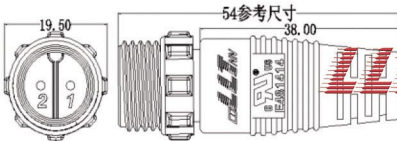
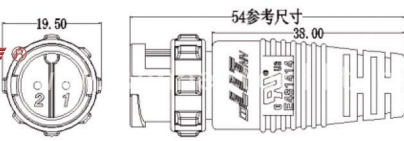
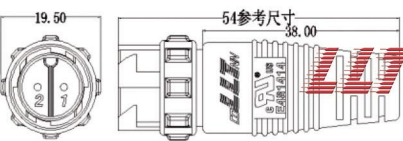
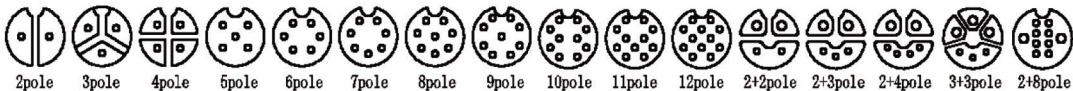
母接头公针---Female Connector &amp; Male Pin

| 描述<br>Description                                       | 组装式，螺纹，焊接<br>Field Assembly, Thread, Solder                                                                                                                                                          | 组装式，快卡，焊接<br>Field Assembly, Bayonet, Solder                                       | 组装式，自锁，焊接<br>Field Assembly, Push Lock, Solder                                      |                       |                      |                      |                      |                      |                      |                      |                      |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                             |                                                                                                                     |   |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 尺寸<br>Drawing                                           |                                                                                                                     |  |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 料号<br>Part No.                                          | 芯数<br>Contacts                                                                                                                                                                                       | 料号<br>Part No.                                                                     | 芯数<br>Contacts                                                                      | 料号<br>Part No.        | 芯数<br>Contacts       | 料号<br>Part No.       |                      |                      |                      |                      |                      |
|                                                         | 2                                                                                                                                                                                                    | LLT-M16-15002M1061                                                                 | 2                                                                                   | LLT-M16-15002M1081    | 2                    | LLT-M16-15002M1041   |                      |                      |                      |                      |                      |
|                                                         | 3                                                                                                                                                                                                    | LLT-M16-15003F1051                                                                 | 3                                                                                   | LLT-M16-15003M1081    | 3                    | LLT-M16-15003M1041   |                      |                      |                      |                      |                      |
|                                                         | 4                                                                                                                                                                                                    | LLT-M16-15004F1051                                                                 | 4                                                                                   | LLT-M16-15004M1081    | 4                    | LLT-M16-15004M1041   |                      |                      |                      |                      |                      |
|                                                         | 5                                                                                                                                                                                                    | LLT-M16-05005F1051                                                                 | 5                                                                                   | LLT-M16-05005M1081    | 5                    | LLT-M16-05005M1041   |                      |                      |                      |                      |                      |
|                                                         | 6                                                                                                                                                                                                    | LLT-M16-05006F1051                                                                 | 6                                                                                   | LLT-M16-05006M1081    | 6                    | LLT-M16-05006M1041   |                      |                      |                      |                      |                      |
|                                                         | 7                                                                                                                                                                                                    | LLT-M16-05007F1051                                                                 | 7                                                                                   | LLT-M16-05007M1081    | 7                    | LLT-M16-05007M1041   |                      |                      |                      |                      |                      |
|                                                         | 8                                                                                                                                                                                                    | LLT-M16-05008F1051                                                                 | 8                                                                                   | LLT-M16-05008M1081    | 8                    | LLT-M16-05008M1041   |                      |                      |                      |                      |                      |
|                                                         | 9                                                                                                                                                                                                    | LLT-M16-05009F1051                                                                 | 9                                                                                   | LLT-M16-05009M1081    | 9                    | LLT-M16-05009M1041   |                      |                      |                      |                      |                      |
|                                                         | 10                                                                                                                                                                                                   | LLT-M16-05010F1051                                                                 | 10                                                                                  | LLT-M16-05010M1081    | 10                   | LLT-M16-05010M1041   |                      |                      |                      |                      |                      |
|                                                         | 11                                                                                                                                                                                                   | LLT-M16-05011F1051                                                                 | 11                                                                                  | LLT-M16-05011M1081    | 11                   | LLT-M16-05011M1041   |                      |                      |                      |                      |                      |
|                                                         | 12                                                                                                                                                                                                   | LLT-M16-05012F1051                                                                 | 12                                                                                  | LLT-M16-05012M1081    | 12                   | LLT-M16-05012M1041   |                      |                      |                      |                      |                      |
|                                                         | 2+2                                                                                                                                                                                                  | LLT-M16-15202F1051                                                                 | 2+2                                                                                 | LLT-M16-15202M1081    | 2+2                  | LLT-M16-15202M1041   |                      |                      |                      |                      |                      |
|                                                         | 2+3                                                                                                                                                                                                  | LLT-M16-15203F1051                                                                 | 2+3                                                                                 | LLT-M16-15203M1081    | 2+3                  | LLT-M16-15203M1041   |                      |                      |                      |                      |                      |
|                                                         | 2+4                                                                                                                                                                                                  | LLT-M16-15204F1051                                                                 | 2+4                                                                                 | LLT-M16-15204M1081    | 2+4                  | LLT-M16-15204M1041   |                      |                      |                      |                      |                      |
|                                                         | 3+3                                                                                                                                                                                                  | LLT-M16-15303F1051                                                                 | 3+3                                                                                 | LLT-M16-15303M1081    | 3+3                  | LLT-M16-15303M1041   |                      |                      |                      |                      |                      |
|                                                         | 2+8                                                                                                                                                                                                  | LLT-M16-15208F1051                                                                 | 2+8                                                                                 | LLT-M16-15208M1081    | 2+8                  | LLT-M16-15208M1041   |                      |                      |                      |                      |                      |
| 芯数<br>Contacts Numbers                                  | 2                                                                                                                                                                                                    | 3                                                                                  | 4                                                                                   | 5                     | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   |
| 额定电压<br>Voltage Rating                                  | 250V                                                                                                                                                                                                 | 250V                                                                               | 250V                                                                                | 110V                  | 110V                 | 110V                 | 110V                 | 60V                  | 60V                  | 60V                  | 60V                  |
| 额定电流<br>Current Rating                                  | 15A                                                                                                                                                                                                  | 15A                                                                                | 15A                                                                                 | 5A                    | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                      | <=1.5mm <sup>2</sup>                                                                                                                                                                                 | <=1.5mm <sup>2</sup>                                                               | <=1.0mm <sup>2</sup>                                                                | <=0.75mm <sup>2</sup> | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 线材外径<br>Cable OD                                        | 3.5mm-8.5mm                                                                                                                                                                                          |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                                | 3000 mating cycles                                                                                                                                                                                   |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                                | -40℃ - +105℃                                                                                                                                                                                         |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                                | IP67                                                                                                                                                                                                 |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                      | <br>2pole 3pole 4pole 5pole 6pole 7pole 8pole 9pole 10pole 11pole 12pole 2+2pole 2+3pole 2+4pole 3+3pole 2+8pole |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 备注：与第37,38 页连接器互配（Matched with Connector in Page 37,38） |                                                                                                                                                                                                      |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |



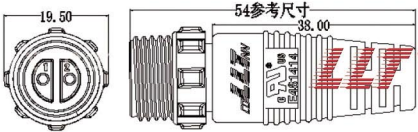
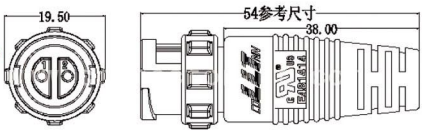
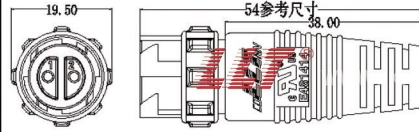
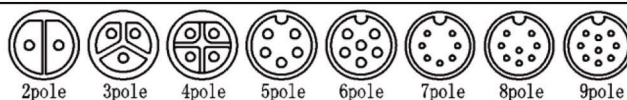
## M16 Series Specifications

母接头公针--Female Connector &amp; Male Pin

| 描述<br>Description                                        | 注塑, 螺纹, 焊接<br>Molded with Cable, Thread, Solder                                      | 注塑, 快卡, 焊接<br>Molded with Cable, Bayonet, Solder                                   | 注塑式, 自锁, 焊接<br>Molded with Cable, Push Lock, Solder                                 |                       |                      |                      |                      |                      |                      |                      |                      |
|----------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                              |     |  |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 尺寸<br>Drawing                                            |     |  |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 料号<br>Part No.                                           | 芯数<br>Contacts                                                                       | 料号<br>Part No.                                                                     | 芯数<br>Contacts                                                                      | 料号<br>Part No.        | 芯数<br>Contacts       | 料号<br>Part No.       |                      |                      |                      |                      |                      |
|                                                          | 2                                                                                    | LLT-M16-15002M3064                                                                 | 2                                                                                   | LLT-M16-15002M3084    | 2                    | LLT-M16-15002M3044   |                      |                      |                      |                      |                      |
|                                                          | 3                                                                                    | LLT-M16-15003M3064                                                                 | 3                                                                                   | LLT-M16-15003M3084    | 3                    | LLT-M16-15003M3044   |                      |                      |                      |                      |                      |
|                                                          | 4                                                                                    | LLT-M16-15004M3064                                                                 | 4                                                                                   | LLT-M16-15004M3084    | 4                    | LLT-M16-15004M3044   |                      |                      |                      |                      |                      |
|                                                          | 5                                                                                    | LLT-M16-05005M3064                                                                 | 5                                                                                   | LLT-M16-05005M3084    | 5                    | LLT-M16-05005M3044   |                      |                      |                      |                      |                      |
|                                                          | 6                                                                                    | LLT-M16-05006M3064                                                                 | 6                                                                                   | LLT-M16-05006M3084    | 6                    | LLT-M16-05006M3044   |                      |                      |                      |                      |                      |
|                                                          | 7                                                                                    | LLT-M16-05007M3064                                                                 | 7                                                                                   | LLT-M16-05007M3084    | 7                    | LLT-M16-05007M3044   |                      |                      |                      |                      |                      |
|                                                          | 8                                                                                    | LLT-M16-05008M3064                                                                 | 8                                                                                   | LLT-M16-05008M3084    | 8                    | LLT-M16-05008M3044   |                      |                      |                      |                      |                      |
|                                                          | 9                                                                                    | LLT-M16-05009M3064                                                                 | 9                                                                                   | LLT-M16-05009M3084    | 9                    | LLT-M16-05009M3044   |                      |                      |                      |                      |                      |
|                                                          | 10                                                                                   | LLT-M16-05010M3064                                                                 | 10                                                                                  | LLT-M16-05010M3084    | 10                   | LLT-M16-05010M3044   |                      |                      |                      |                      |                      |
|                                                          | 11                                                                                   | LLT-M16-05011M3064                                                                 | 11                                                                                  | LLT-M16-05011M3084    | 11                   | LLT-M16-05011M3044   |                      |                      |                      |                      |                      |
|                                                          | 12                                                                                   | LLT-M16-05012M3064                                                                 | 12                                                                                  | LLT-M16-05012M3084    | 12                   | LLT-M16-05012M3044   |                      |                      |                      |                      |                      |
|                                                          | 2+2                                                                                  | LLT-M16-15202M3064                                                                 | 2+2                                                                                 | LLT-M16-15202M3084    | 2+2                  | LLT-M16-15202M3044   |                      |                      |                      |                      |                      |
|                                                          | 2+3                                                                                  | LLT-M16-15203M3064                                                                 | 2+3                                                                                 | LLT-M16-15203M3084    | 2+3                  | LLT-M16-15203M3044   |                      |                      |                      |                      |                      |
|                                                          | 2+4                                                                                  | LLT-M16-15204M3064                                                                 | 2+4                                                                                 | LLT-M16-15204M3084    | 2+4                  | LLT-M16-15204M3044   |                      |                      |                      |                      |                      |
|                                                          | 3+3                                                                                  | LLT-M16-15303M3064                                                                 | 3+3                                                                                 | LLT-M16-15303M3084    | 3+3                  | LLT-M16-15303M3044   |                      |                      |                      |                      |                      |
|                                                          | 2+8                                                                                  | LLT-M16-15208M3064                                                                 | 2+8                                                                                 | LLT-M16-15208M3084    | 2+8                  | LLT-M16-15208M3044   |                      |                      |                      |                      |                      |
| 芯数<br>Contacts Numbers                                   | 2                                                                                    | 3                                                                                  | 4                                                                                   | 5                     | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   |
| 额定电压<br>Voltage Rating                                   | 250V                                                                                 | 250V                                                                               | 250V                                                                                | 110V                  | 110V                 | 110V                 | 110V                 | 60V                  | 60V                  | 60V                  | 60V                  |
| 额定电流<br>Current Rating                                   | 15A                                                                                  | 15A                                                                                | 15A                                                                                 | 5A                    | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                       | <=1.5mm <sup>2</sup>                                                                 | <=1.5mm <sup>2</sup>                                                               | <=1.0mm <sup>2</sup>                                                                | <=0.75mm <sup>2</sup> | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 线材外径<br>Cable OD                                         | 3.5mm-8.5mm                                                                          |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                                 | 3000 mating cycles                                                                   |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                                 | -40℃ - +105℃                                                                         |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                                 | IP65                                                                                 |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                       |  |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 备注: 与第37,38页连接器互配 (Matched with Connector in Page 37,38) |                                                                                      |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |

## M16 Series Specifications

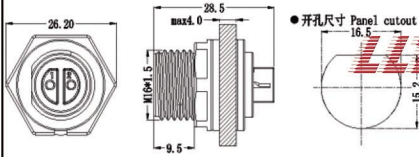
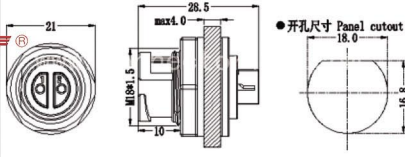
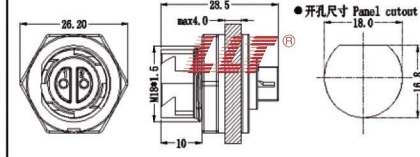
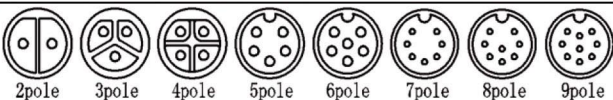
母接头母针--Female Connector &amp; Female Pin

| 描述<br>Description                                      | 注塑，螺纹，焊接<br>Molded with Cable, Thread, Solder                                        |                      |                      | 注塑，快卡，焊接<br>Molded with Cable, Bayonet, Solder                                     |                      |                      | 注塑式，自锁，焊接<br>Molded with Cable, Push Lock, Solder                                   |                      |                      |                      |                      |
|--------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------|----------------------|------------------------------------------------------------------------------------|----------------------|----------------------|-------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                            |     |                      |                      |  |                      |                      |  |                      |                      |                      |                      |
| 尺寸<br>Drawing                                          |     |                      |                      |  |                      |                      |  |                      |                      |                      |                      |
| 料号<br>Part No.                                         | 芯数<br>Contacts                                                                       | 料号<br>Part No.       |                      | 芯数<br>Contacts                                                                     | 料号<br>Part No.       |                      | 芯数<br>Contacts                                                                      | 料号<br>Part No.       |                      |                      |                      |
|                                                        | 2                                                                                    | LLT-M16-15002F3064   |                      | 2                                                                                  | LLT-M16-15002F3084   |                      | 2                                                                                   | LLT-M16-15002F3044   |                      |                      |                      |
|                                                        | 3                                                                                    | LLT-M16-15003F3064   |                      | 3                                                                                  | LLT-M16-15003F3084   |                      | 3                                                                                   | LLT-M16-15003F3044   |                      |                      |                      |
|                                                        | 4                                                                                    | LLT-M16-15004F3064   |                      | 4                                                                                  | LLT-M16-15004F3084   |                      | 4                                                                                   | LLT-M16-15004F3044   |                      |                      |                      |
|                                                        | 5                                                                                    | LLT-M16-05005F3064   |                      | 5                                                                                  | LLT-M16-05005F3084   |                      | 5                                                                                   | LLT-M16-05005F3044   |                      |                      |                      |
|                                                        | 6                                                                                    | LLT-M16-05006F3064   |                      | 6                                                                                  | LLT-M16-05006F3084   |                      | 6                                                                                   | LLT-M16-05006F3044   |                      |                      |                      |
|                                                        | 7                                                                                    | LLT-M16-05007F3064   |                      | 7                                                                                  | LLT-M16-05007F3084   |                      | 7                                                                                   | LLT-M16-05007F3044   |                      |                      |                      |
|                                                        | 8                                                                                    | LLT-M16-05008F3064   |                      | 8                                                                                  | LLT-M16-05008F3084   |                      | 8                                                                                   | LLT-M16-05008F3044   |                      |                      |                      |
|                                                        | 9                                                                                    | LLT-M16-05009F3064   |                      | 9                                                                                  | LLT-M16-05009F3084   |                      | 9                                                                                   | LLT-M16-05009F3044   |                      |                      |                      |
|                                                        | 10                                                                                   | LLT-M16-05010F3064   |                      | 10                                                                                 | LLT-M16-05010F3084   |                      | 10                                                                                  | LLT-M16-05010F3044   |                      |                      |                      |
|                                                        | 11                                                                                   | LLT-M16-05011F3064   |                      | 11                                                                                 | LLT-M16-05011F3084   |                      | 11                                                                                  | LLT-M16-05011F3044   |                      |                      |                      |
|                                                        | 12                                                                                   | LLT-M16-05012F3064   |                      | 12                                                                                 | LLT-M16-05012F3084   |                      | 12                                                                                  | LLT-M16-05012F3044   |                      |                      |                      |
|                                                        | 2+2                                                                                  | LLT-M16-15202F3064   |                      | 2+2                                                                                | LLT-M16-15202F3084   |                      | 2+2                                                                                 | LLT-M16-15202F3044   |                      |                      |                      |
|                                                        | 2+3                                                                                  | LLT-M16-15203F3064   |                      | 2+3                                                                                | LLT-M16-15203F3084   |                      | 2+3                                                                                 | LLT-M16-15203F3044   |                      |                      |                      |
|                                                        | 2+4                                                                                  | LLT-M16-15204F3064   |                      | 2+4                                                                                | LLT-M16-15204F3084   |                      | 2+4                                                                                 | LLT-M16-15204F3044   |                      |                      |                      |
|                                                        | 2+8                                                                                  | LLT-M16-15208F3064   |                      | 2+8                                                                                | LLT-M16-15208F3084   |                      | 2+8                                                                                 | LLT-M16-15208F3044   |                      |                      |                      |
| 芯数<br>Contacts Numbers                                 | 2                                                                                    | 3                    | 4                    | 5                                                                                  | 6                    | 7                    | 8                                                                                   | 9                    | 10                   | 11                   | 12                   |
| 额定电压<br>Voltage Rating                                 | 250V                                                                                 | 250V                 | 250V                 | 110V                                                                               | 110V                 | 110V                 | 110V                                                                                | 60V                  | 60V                  | 60V                  | 60V                  |
| 额定电流<br>Current Rating                                 | 15A                                                                                  | 15A                  | 15A                  | 5A                                                                                 | 5A                   | 5A                   | 5A                                                                                  | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                     | <=1.5mm <sup>2</sup>                                                                 | <=1.5mm <sup>2</sup> | <=1.0mm <sup>2</sup> | <=0.75mm <sup>2</sup>                                                              | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup>                                                                | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 线材外径<br>Cable OD                                       | 3.5mm-8.5mm                                                                          |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                               | 3000 mating cycles                                                                   |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                               | -40℃ - +105℃                                                                         |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                               | IP65                                                                                 |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                     |  |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 备注：与第45,46页连接器互配（Matched with Connector in Page 45,46） |                                                                                      |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |



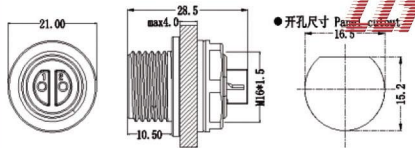
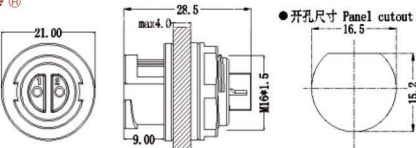
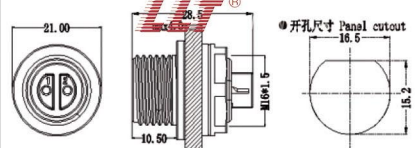
## M16 Series Specifications

面板式母针---Panel Connector &amp; Female Pin

| 描述<br>Description                                       | 前装面板，螺纹，焊线<br>Front Panel Mount, Thread, Solder                                      | 前装面板，快卡，焊线<br>Front Panel Mount, Bayonet, Solder                                   | 前装面板，自锁，焊线<br>Front Panel Mount, Push Lock, Solder                                  |                       |                      |                      |                      |                      |                      |                      |                      |
|---------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                             |     |   |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 尺寸<br>Drawing                                           |     |  |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 料号<br>Part No.                                          | 芯数<br>Contacts                                                                       | 料号<br>Part No.                                                                     | 芯数<br>Contacts                                                                      | 料号<br>Part No.        | 芯数<br>Contacts       | 料号<br>Part No.       |                      |                      |                      |                      |                      |
|                                                         | 2                                                                                    | LLT-M16-15002F2861                                                                 | 2                                                                                   | LLT-M16-15002F2881    | 2                    | LLT-M16-15002F2841   |                      |                      |                      |                      |                      |
|                                                         | 3                                                                                    | LLT-M16-15003F2861                                                                 | 3                                                                                   | LLT-M16-15003F2881    | 3                    | LLT-M16-15003F2841   |                      |                      |                      |                      |                      |
|                                                         | 4                                                                                    | LLT-M16-15004F2861                                                                 | 4                                                                                   | LLT-M16-15004F2881    | 4                    | LLT-M16-15004F2841   |                      |                      |                      |                      |                      |
|                                                         | 5                                                                                    | LLT-M16-05005F2861                                                                 | 5                                                                                   | LLT-M16-05005F2881    | 5                    | LLT-M16-05005F2841   |                      |                      |                      |                      |                      |
|                                                         | 6                                                                                    | LLT-M16-05006F2861                                                                 | 6                                                                                   | LLT-M16-05006F2881    | 6                    | LLT-M16-05006F2841   |                      |                      |                      |                      |                      |
|                                                         | 7                                                                                    | LLT-M16-05007F2861                                                                 | 7                                                                                   | LLT-M16-05007F2881    | 7                    | LLT-M16-05007F2841   |                      |                      |                      |                      |                      |
|                                                         | 8                                                                                    | LLT-M16-05008F2861                                                                 | 8                                                                                   | LLT-M16-05008F2881    | 8                    | LLT-M16-05008F2841   |                      |                      |                      |                      |                      |
|                                                         | 9                                                                                    | LLT-M16-05009F2861                                                                 | 9                                                                                   | LLT-M16-05009F2881    | 9                    | LLT-M16-05009F2841   |                      |                      |                      |                      |                      |
|                                                         | 10                                                                                   | LLT-M16-05010F2861                                                                 | 10                                                                                  | LLT-M16-05010F2881    | 10                   | LLT-M16-05010F2841   |                      |                      |                      |                      |                      |
|                                                         | 11                                                                                   | LLT-M16-05011F2861                                                                 | 11                                                                                  | LLT-M16-05011F2881    | 11                   | LLT-M16-05011F2841   |                      |                      |                      |                      |                      |
|                                                         | 12                                                                                   | LLT-M16-05012F2861                                                                 | 12                                                                                  | LLT-M16-05012F2881    | 12                   | LLT-M16-05012F2841   |                      |                      |                      |                      |                      |
|                                                         | 2+2                                                                                  | LLT-M16-15202F2861                                                                 | 2+2                                                                                 | LLT-M16-15202F2881    | 2+2                  | LLT-M16-15202F2841   |                      |                      |                      |                      |                      |
|                                                         | 2+3                                                                                  | LLT-M16-15203F2861                                                                 | 2+3                                                                                 | LLT-M16-15203F2881    | 2+3                  | LLT-M16-15203F2841   |                      |                      |                      |                      |                      |
|                                                         | 2+4                                                                                  | LLT-M16-15204F2861                                                                 | 2+4                                                                                 | LLT-M16-15204F2881    | 2+4                  | LLT-M16-15204F2841   |                      |                      |                      |                      |                      |
| 3+3                                                     | LLT-M16-15303F2861                                                                   | 3+3                                                                                | LLT-M16-15303F2881                                                                  | 3+3                   | LLT-M16-15303F2841   |                      |                      |                      |                      |                      |                      |
| 2+8                                                     | LLT-M16-15208F2861                                                                   | 2+8                                                                                | LLT-M16-15208F2881                                                                  | 2+8                   | LLT-M16-15208F2841   |                      |                      |                      |                      |                      |                      |
| 芯数<br>Contacts Numbers                                  | 2                                                                                    | 3                                                                                  | 4                                                                                   | 5                     | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   |
| 额定电压<br>Voltage Rating                                  | 250V                                                                                 | 250V                                                                               | 250V                                                                                | 110V                  | 110V                 | 110V                 | 110V                 | 60V                  | 60V                  | 60V                  | 60V                  |
| 额定电流<br>Current Rating                                  | 15A                                                                                  | 15A                                                                                | 15A                                                                                 | 5A                    | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                      | <=1.5mm <sup>2</sup>                                                                 | <=1.5mm <sup>2</sup>                                                               | <=1.0mm <sup>2</sup>                                                                | <=0.75mm <sup>2</sup> | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 面板厚度<br>Panel Thickness                                 | 1mm-3mm                                                                              |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                                | 3000 mating cycles                                                                   |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                                | -40℃ - +105℃                                                                         |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                                | IP67                                                                                 |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                      |  |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 备注：与第45,46 页连接器互配（Matched with Connector in Page 45,46） |                                                                                      |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |

## M16 Series Specifications

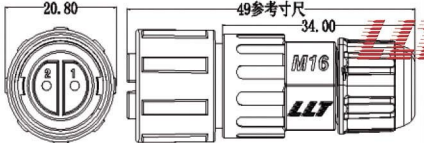
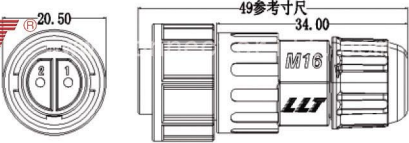
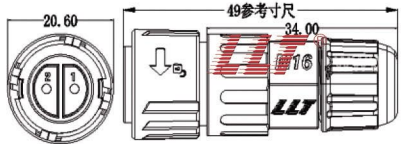
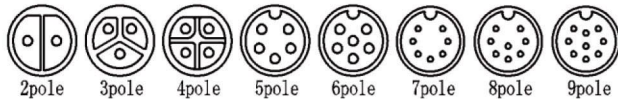
面板式母针---Panel Connector &amp; Female Pin

| 描述<br>Description                                          | 后装面板, 螺纹, 焊线<br>Rear Panel Mount, Thread, Solder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                      | 后装面板, 快卡, 焊线<br>Rear Panel Mount, Bayonet, Solder                                  |                      |                      | 后装面板, 自锁, 焊线<br>Rear Panel Mount, Push Lock, Solder                                 |                      |                      |                      |                      |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|------------------------------------------------------------------------------------|----------------------|----------------------|-------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                      |   |                      |                      |  |                      |                      |                      |                      |
| 尺寸<br>Drawing                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                      |  |                      |                      |  |                      |                      |                      |                      |
| 料号<br>Part No.                                             | 芯数<br>Contacts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 料号<br>Part No.       |                      | 芯数<br>Contacts                                                                     | 料号<br>Part No.       |                      | 芯数<br>Contacts                                                                      | 料号<br>Part No.       |                      |                      |                      |
|                                                            | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LLT-M16-15002F2961   |                      | 2                                                                                  | LLT-M16-15002F2981   |                      | 2                                                                                   | LLT-M16-15002F2941   |                      |                      |                      |
|                                                            | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LLT-M16-15003F2961   |                      | 3                                                                                  | LLT-M16-15003F2981   |                      | 3                                                                                   | LLT-M16-15003F2941   |                      |                      |                      |
|                                                            | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LLT-M16-15004F2961   |                      | 4                                                                                  | LLT-M16-15004F2981   |                      | 4                                                                                   | LLT-M16-15004F2941   |                      |                      |                      |
|                                                            | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LLT-M16-05005F2961   |                      | 5                                                                                  | LLT-M16-05005F2981   |                      | 5                                                                                   | LLT-M16-05005F2941   |                      |                      |                      |
|                                                            | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LLT-M16-05006F2961   |                      | 6                                                                                  | LLT-M16-05006F2981   |                      | 6                                                                                   | LLT-M16-05006F2941   |                      |                      |                      |
|                                                            | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LLT-M16-05007F2961   |                      | 7                                                                                  | LLT-M16-05007F2981   |                      | 7                                                                                   | LLT-M16-05007F2941   |                      |                      |                      |
|                                                            | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LLT-M16-05008F2961   |                      | 8                                                                                  | LLT-M16-05008F2981   |                      | 8                                                                                   | LLT-M16-05008F2941   |                      |                      |                      |
|                                                            | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LLT-M16-05009F2961   |                      | 9                                                                                  | LLT-M16-05009F2981   |                      | 9                                                                                   | LLT-M16-05009F2941   |                      |                      |                      |
|                                                            | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LLT-M16-05010F2961   |                      | 10                                                                                 | LLT-M16-05010F2981   |                      | 10                                                                                  | LLT-M16-05010F2941   |                      |                      |                      |
|                                                            | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LLT-M16-05011F2961   |                      | 11                                                                                 | LLT-M16-05011F2981   |                      | 11                                                                                  | LLT-M16-05011F2941   |                      |                      |                      |
|                                                            | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LLT-M16-05012F2961   |                      | 12                                                                                 | LLT-M16-05012F2981   |                      | 12                                                                                  | LLT-M16-05012F2941   |                      |                      |                      |
|                                                            | 2+2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LLT-M16-15202F2961   |                      | 2+2                                                                                | LLT-M16-15202F2981   |                      | 2+2                                                                                 | LLT-M16-15202F2941   |                      |                      |                      |
|                                                            | 2+3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LLT-M16-15203F2961   |                      | 2+3                                                                                | LLT-M16-15203F2981   |                      | 2+3                                                                                 | LLT-M16-15203F2941   |                      |                      |                      |
|                                                            | 2+4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LLT-M16-15204F2961   |                      | 2+4                                                                                | LLT-M16-15204F2981   |                      | 2+4                                                                                 | LLT-M16-15204F2941   |                      |                      |                      |
|                                                            | 3+3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LLT-M16-15303F2961   |                      | 3+3                                                                                | LLT-M16-15303F2981   |                      | 3+3                                                                                 | LLT-M16-15303F2941   |                      |                      |                      |
|                                                            | 2+8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LLT-M16-15208F2961   |                      | 2+8                                                                                | LLT-M16-15208F2981   |                      | 2+8                                                                                 | LLT-M16-15208F2941   |                      |                      |                      |
| 芯数<br>Contacts Numbers                                     | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3                    | 4                    | 5                                                                                  | 6                    | 7                    | 8                                                                                   | 9                    | 10                   | 11                   | 12                   |
| 额定电压<br>Voltage Rating                                     | 250V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 250V                 | 250V                 | 110V                                                                               | 110V                 | 110V                 | 110V                                                                                | 60V                  | 60V                  | 60V                  | 60V                  |
| 额定电流<br>Current Rating                                     | 15A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 15A                  | 15A                  | 5A                                                                                 | 5A                   | 5A                   | 5A                                                                                  | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                         | <=1.5mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <=1.5mm <sup>2</sup> | <=1.0mm <sup>2</sup> | <=0.75mm <sup>2</sup>                                                              | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup>                                                                | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 面板厚度<br>Panel Thickness                                    | 1mm-3mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                                   | 3000 mating cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                                   | -40℃ - +105℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                                   | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                         | <div>2pole</div> <div>3pole</div> <div>4pole</div> <div>5pole</div> <div>6pole</div> <div>7pole</div> <div>8pole</div> <div>9pole</div> |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 备注: 与第45,46 页连接器互配 (Matched with Connector in Page 45,46 ) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |



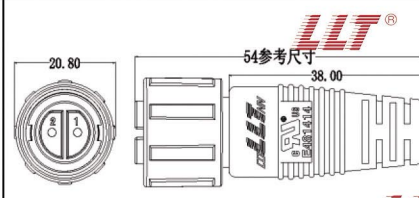
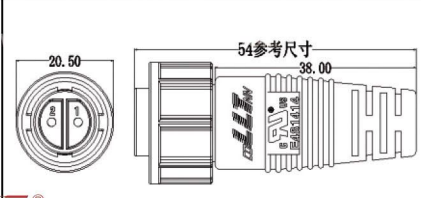
# M16 Series Specifications

公接头公针--Male Connector & Male Pin

| 描述<br>Description                                      | 组装式，螺纹，焊接<br>Field Assembly, Thread, Solder                                          | 组装式，快卡，焊接<br>Field Assembly, Bayonet, Solder                                       | 组装式，自锁，焊接<br>Field Assembly, Push Lock, Solder                                      |                       |                      |                      |                      |                      |                      |                      |                      |
|--------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                            |     |   |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 尺寸<br>Drawing                                          |     |  |  |                       |                      |                      |                      |                      |                      |                      |                      |
| 料号<br>Part No.                                         | 芯数<br>Contacts                                                                       | 料号<br>Part No.                                                                     | 芯数<br>Contacts                                                                      | 料号<br>Part No.        | 芯数<br>Contacts       | 料号<br>Part No.       |                      |                      |                      |                      |                      |
|                                                        | 2                                                                                    | LLT-M16-15002M1051                                                                 | 2                                                                                   | LLT-M16-15002M1071    | 2                    | LLT-M16-15002M1031   |                      |                      |                      |                      |                      |
|                                                        | 3                                                                                    | LLT-M16-15003M1051                                                                 | 3                                                                                   | LLT-M16-15003M1071    | 3                    | LLT-M16-15003M1031   |                      |                      |                      |                      |                      |
|                                                        | 4                                                                                    | LLT-M16-15004M1051                                                                 | 4                                                                                   | LLT-M16-15004M1071    | 4                    | LLT-M16-15004M1031   |                      |                      |                      |                      |                      |
|                                                        | 5                                                                                    | LLT-M16-05005M1051                                                                 | 5                                                                                   | LLT-M16-05005M1071    | 5                    | LLT-M16-05005M1031   |                      |                      |                      |                      |                      |
|                                                        | 6                                                                                    | LLT-M16-05006M1051                                                                 | 6                                                                                   | LLT-M16-05006M1071    | 6                    | LLT-M16-05006M1031   |                      |                      |                      |                      |                      |
|                                                        | 7                                                                                    | LLT-M16-05007M1051                                                                 | 7                                                                                   | LLT-M16-05007M1071    | 7                    | LLT-M16-05007M1031   |                      |                      |                      |                      |                      |
|                                                        | 8                                                                                    | LLT-M16-05008M1051                                                                 | 8                                                                                   | LLT-M16-05008M1071    | 8                    | LLT-M16-05008M1031   |                      |                      |                      |                      |                      |
|                                                        | 9                                                                                    | LLT-M16-05009M1051                                                                 | 9                                                                                   | LLT-M16-05009M1071    | 9                    | LLT-M16-05009M1031   |                      |                      |                      |                      |                      |
|                                                        | 10                                                                                   | LLT-M16-05010M1051                                                                 | 10                                                                                  | LLT-M16-05010M1071    | 10                   | LLT-M16-05010M1031   |                      |                      |                      |                      |                      |
|                                                        | 11                                                                                   | LLT-M16-05011M1051                                                                 | 11                                                                                  | LLT-M16-05011M1071    | 11                   | LLT-M16-05011M1031   |                      |                      |                      |                      |                      |
|                                                        | 12                                                                                   | LLT-M16-05012M1051                                                                 | 12                                                                                  | LLT-M16-05012M1071    | 12                   | LLT-M16-05012M1031   |                      |                      |                      |                      |                      |
|                                                        | 2+2                                                                                  | LLT-M16-15202M1051                                                                 | 2+2                                                                                 | LLT-M16-15202M1071    | 2+2                  | LLT-M16-15202M1031   |                      |                      |                      |                      |                      |
|                                                        | 2+3                                                                                  | LLT-M16-15203M1051                                                                 | 2+3                                                                                 | LLT-M16-15203M1071    | 2+3                  | LLT-M16-15203M1031   |                      |                      |                      |                      |                      |
|                                                        | 2+4                                                                                  | LLT-M16-15204M1051                                                                 | 2+4                                                                                 | LLT-M16-15204M1071    | 2+4                  | LLT-M16-15204M1031   |                      |                      |                      |                      |                      |
|                                                        | 3+3                                                                                  | LLT-M16-15303M1051                                                                 | 3+3                                                                                 | LLT-M16-15303M1071    | 3+3                  | LLT-M16-15303M1031   |                      |                      |                      |                      |                      |
|                                                        | 2+8                                                                                  | LLT-M16-15208M1051                                                                 | 2+8                                                                                 | LLT-M16-15208M1071    | 2+8                  | LLT-M16-15208M1031   |                      |                      |                      |                      |                      |
| 芯数<br>Contacts Numbers                                 | 2                                                                                    | 3                                                                                  | 4                                                                                   | 5                     | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   |
| 额定电压<br>Voltage Rating                                 | 250V                                                                                 | 250V                                                                               | 250V                                                                                | 110V                  | 110V                 | 110V                 | 110V                 | 60V                  | 60V                  | 60V                  | 60V                  |
| 额定电流<br>Current Rating                                 | 15A                                                                                  | 15A                                                                                | 15A                                                                                 | 5A                    | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                     | <=1.5mm <sup>2</sup>                                                                 | <=1.5mm <sup>2</sup>                                                               | <=1.0mm <sup>2</sup>                                                                | <=0.75mm <sup>2</sup> | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 线材外径<br>Cable OD                                       | 3.5mm-8.5mm                                                                          |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                               | 3000 mating cycles                                                                   |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                               | -40℃ - +105℃                                                                         |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                               | IP67                                                                                 |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                     |  |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |
| 备注：与第43,44页连接器互配（Matched with Connector in Page 43,44） |                                                                                      |                                                                                    |                                                                                     |                       |                      |                      |                      |                      |                      |                      |                      |

## M16 Series Specifications

公接头公针--Male Connector &amp; Male Pin

| 描述<br>Description                                        | 注塑, 螺纹, 焊接<br>Molded with Cable, Thread, Solder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                      | 注塑, 快卡, 焊接<br>Molded with Cable, Bayonet, Solder                                   |                      |                      | 注塑式, 自锁, 焊接<br>Molded with Cable, Push Lock, Solder                                 |                      |                      |                      |                      |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|------------------------------------------------------------------------------------|----------------------|----------------------|-------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |                      |  |                      |                      |  |                      |                      |                      |                      |
| 尺寸<br>Drawing                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |                      |  |                      |                      |  |                      |                      |                      |                      |
| 料号<br>Part No.                                           | 芯数<br>Contacts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 料号<br>Part No.       |                      | 芯数<br>Contacts                                                                     | 料号<br>Part No.       |                      | 芯数<br>Contacts                                                                      | 料号<br>Part No.       |                      |                      |                      |
|                                                          | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LLT-M16-15002M3054   |                      | 2                                                                                  | LLT-M16-15002M3074   |                      | 2                                                                                   | LLT-M16-15002M3034   |                      |                      |                      |
|                                                          | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LLT-M16-15003M3054   |                      | 3                                                                                  | LLT-M16-15003M3074   |                      | 3                                                                                   | LLT-M16-15003M3034   |                      |                      |                      |
|                                                          | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LLT-M16-15004M3054   |                      | 4                                                                                  | LLT-M16-15004M3074   |                      | 4                                                                                   | LLT-M16-15004M3034   |                      |                      |                      |
|                                                          | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LLT-M16-05005M3054   |                      | 5                                                                                  | LLT-M16-05005M3074   |                      | 5                                                                                   | LLT-M16-05005M3034   |                      |                      |                      |
|                                                          | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LLT-M16-05006M3054   |                      | 6                                                                                  | LLT-M16-05006M3074   |                      | 6                                                                                   | LLT-M16-05006M3034   |                      |                      |                      |
|                                                          | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LLT-M16-05007M3054   |                      | 7                                                                                  | LLT-M16-05007M3074   |                      | 7                                                                                   | LLT-M16-05007M3034   |                      |                      |                      |
|                                                          | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LLT-M16-05008M3054   |                      | 8                                                                                  | LLT-M16-05008M3074   |                      | 8                                                                                   | LLT-M16-05008M3034   |                      |                      |                      |
|                                                          | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LLT-M16-05009M3054   |                      | 9                                                                                  | LLT-M16-05009M3074   |                      | 9                                                                                   | LLT-M16-05009M3034   |                      |                      |                      |
|                                                          | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LLT-M16-05010M3054   |                      | 10                                                                                 | LLT-M16-05010M3074   |                      | 10                                                                                  | LLT-M16-05010M3034   |                      |                      |                      |
|                                                          | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LLT-M16-05011M3054   |                      | 11                                                                                 | LLT-M16-05011M3074   |                      | 11                                                                                  | LLT-M16-05011M3034   |                      |                      |                      |
|                                                          | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LLT-M16-05012M3054   |                      | 12                                                                                 | LLT-M16-05012M3074   |                      | 12                                                                                  | LLT-M16-05012M3034   |                      |                      |                      |
|                                                          | 2+2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LLT-M16-15202M3054   |                      | 2+2                                                                                | LLT-M16-15202M3074   |                      | 2+2                                                                                 | LLT-M16-15202M3034   |                      |                      |                      |
|                                                          | 2+3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LLT-M16-15203M3054   |                      | 2+3                                                                                | LLT-M16-15203M3074   |                      | 2+3                                                                                 | LLT-M16-15203M3034   |                      |                      |                      |
|                                                          | 2+4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LLT-M16-15204M3054   |                      | 2+4                                                                                | LLT-M16-15204M3074   |                      | 2+4                                                                                 | LLT-M16-15204M3034   |                      |                      |                      |
|                                                          | 3+3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LLT-M16-15303M3054   |                      | 3+3                                                                                | LLT-M16-15303M3074   |                      | 3+3                                                                                 | LLT-M16-15303M3034   |                      |                      |                      |
|                                                          | 2+8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LLT-M16-15208M3054   |                      | 2+8                                                                                | LLT-M16-15208M3074   |                      | 2+8                                                                                 | LLT-M16-15208M3034   |                      |                      |                      |
| 芯数<br>Contacts Numbers                                   | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3                    | 4                    | 5                                                                                  | 6                    | 7                    | 8                                                                                   | 9                    | 10                   | 11                   | 12                   |
| 额定电压<br>Voltage Rating                                   | 250V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 250V                 | 250V                 | 110V                                                                               | 110V                 | 110V                 | 110V                                                                                | 60V                  | 60V                  | 60V                  | 60V                  |
| 额定电流<br>Current Rating                                   | 15A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 15A                  | 15A                  | 5A                                                                                 | 5A                   | 5A                   | 5A                                                                                  | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                       | <=1.5mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <=1.5mm <sup>2</sup> | <=1.0mm <sup>2</sup> | <=0.75mm <sup>2</sup>                                                              | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup>                                                                | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 线材外径<br>Cable OD                                         | 3.5mm-8.5mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                                 | 3000 mating cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                                 | -40℃ - +105℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                                 | IP65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                       | <div>2pole</div> <div>3pole</div> <div>4pole</div> <div>5pole</div> <div>6pole</div> <div>7pole</div> <div>8pole</div> <div>9pole</div> |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |
| 备注: 与第43,44页连接器互配 (Matched with Connector in Page 43,44) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |                      |                                                                                    |                      |                      |                                                                                     |                      |                      |                      |                      |

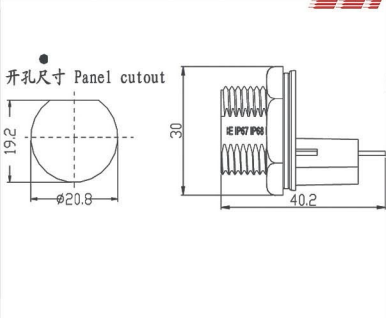
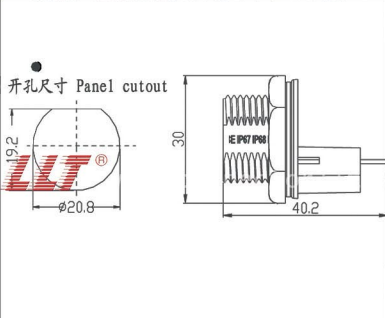
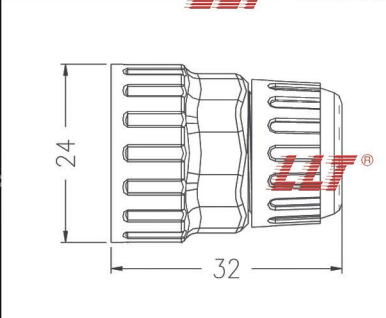


Rj45-M20 Series Specifications

| 描述<br>Description        | 组装式，螺纹<br>Field Assembly, Thread |                 | 前装面板，螺纹<br>Front Panel Mount, Thread |                 | 后装面板，螺纹<br>Rear Panel Mount, Thread |                 |
|--------------------------|----------------------------------|-----------------|--------------------------------------|-----------------|-------------------------------------|-----------------|
| 照片<br>Photo              |                                  |                 |                                      |                 |                                     |                 |
| 尺寸<br>Drawing            |                                  |                 |                                      |                 |                                     |                 |
| 料号<br>Part No.           | 芯数<br>Contacts                   | 料号<br>Part No.  | 芯数<br>Contacts                       | 料号<br>Part No.  | 芯数<br>Contacts                      | 料号<br>Part No.  |
|                          | 8                                | LLT-Rj45-M20-01 | 8                                    | LLT-Rj45-M20-02 | 8                                   | LLT-Rj45-M20-03 |
| 芯数<br>Contacts Numbers   | 8                                |                 |                                      |                 |                                     |                 |
| 额定电压<br>Voltage Rating   | 24V                              |                 |                                      |                 |                                     |                 |
| 额定电流<br>Current Rating   | 1A                               |                 |                                      |                 |                                     |                 |
| 线材匹配<br>Wire Gague       | <=24AWG                          |                 |                                      |                 |                                     |                 |
| 线材外径<br>Cable OD         | Max.7.0mm                        |                 |                                      |                 |                                     |                 |
| 面板厚度<br>Panel Thickness  | Max.10mm                         |                 |                                      |                 |                                     |                 |
| 可插拔次数<br>Mechanical Life | 500 mating cycles                |                 |                                      |                 |                                     |                 |
| 工作温度<br>Operating Rating | -40℃ - +105℃                     |                 |                                      |                 |                                     |                 |
| 防水等级<br>Waterproof Level | IP67                             |                 |                                      |                 |                                     |                 |
| 五金排列<br>Pin Layout       |                                  |                 |                                      |                 |                                     |                 |

Rj45-M19 Series Specifications

面板式母针带线—Panel Connector & Female Pin with Cable

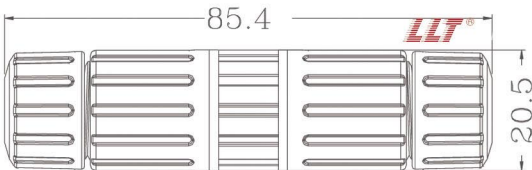
| 描述<br>Description | 前装面板带线，螺纹<br>Front Panel Mount with<br>Cable, Thead                                | 前装面板带线，螺纹，灌胶<br>Front Panel Mount with<br>Cable, Thead, Glue                        | 组装式，螺纹<br>Field Assembly, Thread                                                     |
|-------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 照片<br>Photo       |   |   |   |
| 尺寸<br>Drawing     |  |  |  |

| 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No. |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                | 8              | LLT-M19-151501 | 8              | LLT-M19-152501 | 8              | LLT-M19-121701 |

|                          |                   |
|--------------------------|-------------------|
| 线材匹配<br>Cable Range      | 24AWG             |
| 线材外径<br>Cable OD         | Max.8.0mm         |
| 面板厚度<br>Panel Thickness  | Max.10mm          |
| 可插拔次数<br>Mechanical Life | 500 mating cycles |
| 工作温度<br>Operating Rating | -40℃ - +105℃      |
| 防水等级<br>Waterproof Level | IP67              |
| 五金排列<br>Pin Layout       |                   |

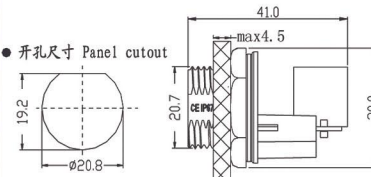
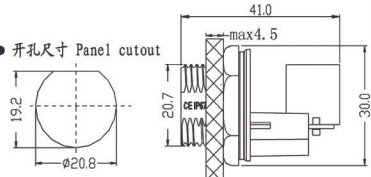
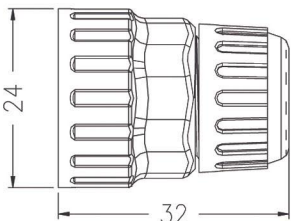


## Rj45-M16 Series Specifications

|                          |                                                                                    |                                                                                     |                |                |
|--------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|----------------|
| 描述<br>Description        | 组装式，快卡<br>Field Assembly, Quick Lock                                               | 注塑式，快卡<br>Molded with Cable, Quick Lock                                             |                |                |
| 照片<br>Photo              |   |  |                |                |
| 尺寸<br>Drawing            |  |  |                |                |
| 料号<br>Part No.           | 芯数<br>Contacts                                                                     | 料号<br>Part No.                                                                      | 芯数<br>Contacts | 料号<br>Part No. |
|                          | 8                                                                                  | LLT-M16-131201                                                                      | 8              | LLT-M16-133201 |
| 芯数<br>Contacts Numbers   | 8                                                                                  |                                                                                     |                |                |
| 线材匹配<br>Cable Range      | 24AWG                                                                              |                                                                                     |                |                |
| 线材外径<br>Cable OD         | Max. 7.0mm                                                                         |                                                                                     |                |                |
| 可插拔次数<br>Mechanical Life | 500 mating cycles                                                                  |                                                                                     |                |                |
| 工作温度<br>Operating Rating | -40℃ - +105℃                                                                       |                                                                                     |                |                |
| 防水等级<br>Waterproof Level | IP67                                                                               |                                                                                     | IP65           |                |
| 五金排列<br>Pin Layout       |                                                                                    |                                                                                     |                |                |

Rj45-M19 Series Specifications

面板式母针---Panel Connector & Female Pin

|                   |                                                                                    |                                                                                     |                                                                                      |
|-------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 描述<br>Description | 前装面板，螺纹，180°<br>Front Panel Mount, Thread                                          | 前装面板，螺纹，90°<br>Front Panel Mount, Thread                                            | 组装式，螺纹<br>Field Assembly, Thread                                                     |
| 照片<br>Photo       |   |   |   |
| 尺寸<br>Drawing     |  |  |  |

|                |                |                |                |                |                |                |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No. |
|                | 8              | LLT-M19-151201 | 8              | LLT-M19-151301 | 8              | LLT-M19-121701 |

|                          |                   |
|--------------------------|-------------------|
| 线材匹配<br>Cable Range      | 24AWG             |
| 线材外径<br>Cable OD         | Max.7.0mm         |
| 面板厚度<br>Panel Thickness  | Max.10mm          |
| 可插拔次数<br>Mechanical Life | 500 mating cycles |
| 工作温度<br>Operating Rating | -40℃ - +105℃      |
| 防水等级<br>Waterproof Level | IP67              |
| 五金排列<br>Pin Layout       |                   |





# M19

1. IP68 LLT M19 Waterproof Connector
2. Nylon Material, Gold Plated Pins, Molded with Cable, Field Assembled Waterproof connectors
3. Thread Type and Quick Lock for Choice
4. Rating Current: 20A for 2 pins, 3 pins and 4 pins, Max Cable Diameter: 11.0mm





www.connectallt.com



www.connectallt.com



# M19 Series Specifications

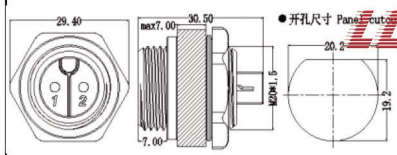
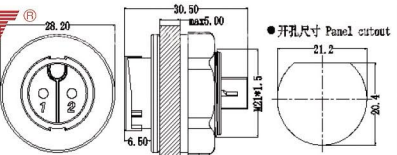
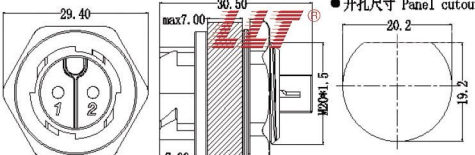
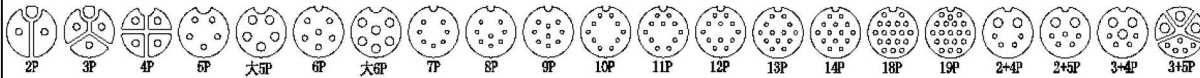
面板式公针---Panel Connector & Male Pin

| 描述<br>Description                                      | 前装面板，螺纹，焊线<br>Front Panel Mount, Thread, Solder | 前装面板，快卡，焊线<br>Front Panel Mount, Bayonet, Solder | 前装面板，自锁，焊线<br>Front Panel Mount, Push Lock, Solder |                      |                      |                       |                      |                      |                      |                      |                      |                      |
|--------------------------------------------------------|-------------------------------------------------|--------------------------------------------------|----------------------------------------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                            |                                                 |                                                  |                                                    |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 尺寸<br>Drawing                                          |                                                 |                                                  |                                                    |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 料号<br>Part No.                                         | 芯数<br>Contacts                                  | 料号<br>Part No.                                   | 芯数<br>Contacts                                     | 料号<br>Part No.       | 芯数<br>Contacts       | 料号<br>Part No.        |                      |                      |                      |                      |                      |                      |
|                                                        | 2                                               | LLT-M19-20002M2861                               | 2                                                  | LLT-M19-20002M2881   | 2                    | LLT-M19-20002M2841    |                      |                      |                      |                      |                      |                      |
|                                                        | 3                                               | LLT-M19-20003M2861                               | 3                                                  | LLT-M19-20003M2881   | 3                    | LLT-M19-20003M2841    |                      |                      |                      |                      |                      |                      |
|                                                        | 4                                               | LLT-M19-20004M2861                               | 4                                                  | LLT-M19-20004M2881   | 4                    | LLT-M19-20004M2841    |                      |                      |                      |                      |                      |                      |
|                                                        | 5                                               | LLT-M19-15005M2861                               | 5                                                  | LLT-M19-15005M2881   | 5                    | LLT-M19-15005M2841    |                      |                      |                      |                      |                      |                      |
|                                                        | 6                                               | LLT-M19-15006M2861                               | 6                                                  | LLT-M19-15006M2881   | 6                    | LLT-M19-15006M2841    |                      |                      |                      |                      |                      |                      |
|                                                        | 7                                               | LLT-M19-05007M2861                               | 7                                                  | LLT-M19-05007M2881   | 7                    | LLT-M19-05007M2841    |                      |                      |                      |                      |                      |                      |
|                                                        | 8                                               | LLT-M19-05008M2861                               | 8                                                  | LLT-M19-05008M2881   | 8                    | LLT-M19-05008M2841    |                      |                      |                      |                      |                      |                      |
|                                                        | 9                                               | LLT-M19-05009M2861                               | 9                                                  | LLT-M19-05009M2881   | 9                    | LLT-M19-05009M2841    |                      |                      |                      |                      |                      |                      |
|                                                        | 10                                              | LLT-M19-05010M2861                               | 10                                                 | LLT-M19-05010M2881   | 10                   | LLT-M19-05010M2841    |                      |                      |                      |                      |                      |                      |
|                                                        | 14                                              | LLT-M19-05014M2861                               | 14                                                 | LLT-M19-05014M2881   | 14                   | LLT-M19-05014M2841    |                      |                      |                      |                      |                      |                      |
|                                                        | 18                                              | LLT-M19-05018M2861                               | 18                                                 | LLT-M19-05018M2881   | 18                   | LLT-M19-05018M2841    |                      |                      |                      |                      |                      |                      |
|                                                        | 2+4                                             | LLT-M19-20204M2861                               | 2+4                                                | LLT-M19-20204M2881   | 2+4                  | LLT-M19-20204M2841    |                      |                      |                      |                      |                      |                      |
|                                                        | 2+5                                             | LLT-M19-20205M2861                               | 2+5                                                | LLT-M19-20205M2881   | 2+5                  | LLT-M19-20205M2841    |                      |                      |                      |                      |                      |                      |
|                                                        | 3+5                                             | LLT-M19-20305M2861                               | 3+5                                                | LLT-M19-20305M2881   | 3+5                  | LLT-M19-20305M2841    |                      |                      |                      |                      |                      |                      |
| 芯数<br>Contacts Numbers                                 | 2                                               | 3                                                | 4                                                  | 5                    | 6                    | 7                     | 8                    | 9                    | 10                   | 12                   | 14                   | 18                   |
| 额定电压<br>Voltage Rating                                 | 600V                                            | 600V                                             | 600V                                               | 300V                 | 300V                 | 100V                  | 100V                 | 100V                 | 100V                 | 100V                 | 100V                 | 100V                 |
| 额定电流<br>Current Rating                                 | 20A                                             | 20A                                              | 20A                                                | 15A                  | 15A                  | 5A                    | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                     | <=2.5mm <sup>2</sup>                            | <=2.5mm <sup>2</sup>                             | <=1.5mm <sup>2</sup>                               | <=1.5mm <sup>2</sup> | <=1.0mm <sup>2</sup> | <=0.75mm <sup>2</sup> | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 面板厚度<br>Panel Thickness                                | 1mm-3mm                                         |                                                  |                                                    |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                               | 3000 mating cycles                              |                                                  |                                                    |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                               | -40℃ - +105℃                                    |                                                  |                                                    |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                               | IP67                                            |                                                  |                                                    |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                     |                                                 |                                                  |                                                    |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 备注：与第55.56页连接器互配（Matched with Connector in Page 55,56） |                                                 |                                                  |                                                    |                      |                      |                       |                      |                      |                      |                      |                      |                      |



## M19 Series Specifications

面板式公针---Panel Connector &amp; Male Pin

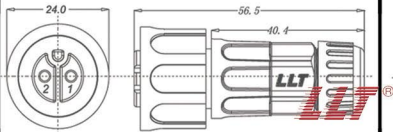
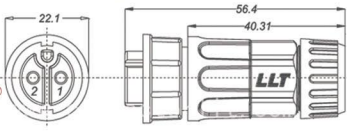
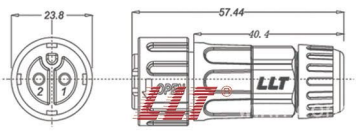
| 描述<br>Description        | 后装面板，螺纹，焊线<br>Rear Panel Mount, Thread, Solder                                       | 后装面板，快卡，焊线<br>Rear Panel Mount, Bayonet, Solder                                    | 后装面板，自锁，焊线<br>Rear Panel Mount, Push Lock, Solder                                   |                      |                      |                       |                      |                      |                      |                      |                      |                      |
|--------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo              |     |   |  |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 尺寸<br>Drawing            |     |  |  |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 料号<br>Part No.           | 芯数<br>Contacts                                                                       | 料号<br>Part No.                                                                     | 芯数<br>Contacts                                                                      | 料号<br>Part No.       | 芯数<br>Contacts       | 料号<br>Part No.        |                      |                      |                      |                      |                      |                      |
|                          | 2                                                                                    | LLT-M19-20002M2961                                                                 | 2                                                                                   | LLT-M19-20002M2981   | 2                    | LLT-M19-20002M2941    |                      |                      |                      |                      |                      |                      |
|                          | 3                                                                                    | LLT-M19-20003M2961                                                                 | 3                                                                                   | LLT-M19-20003M2981   | 3                    | LLT-M19-20003M2941    |                      |                      |                      |                      |                      |                      |
|                          | 4                                                                                    | LLT-M19-20004M2961                                                                 | 4                                                                                   | LLT-M19-20004M2981   | 4                    | LLT-M19-20004M2941    |                      |                      |                      |                      |                      |                      |
|                          | 5                                                                                    | LLT-M19-15005M2961                                                                 | 5                                                                                   | LLT-M19-15005M2981   | 5                    | LLT-M19-15005M2941    |                      |                      |                      |                      |                      |                      |
|                          | 6                                                                                    | LLT-M19-15006M2961                                                                 | 6                                                                                   | LLT-M19-15006M2981   | 6                    | LLT-M19-15006M2941    |                      |                      |                      |                      |                      |                      |
|                          | 7                                                                                    | LLT-M19-05007M2961                                                                 | 7                                                                                   | LLT-M19-05007M2981   | 7                    | LLT-M19-05007M2941    |                      |                      |                      |                      |                      |                      |
|                          | 8                                                                                    | LLT-M19-05008M2961                                                                 | 8                                                                                   | LLT-M19-05008M2981   | 8                    | LLT-M19-05008M2941    |                      |                      |                      |                      |                      |                      |
|                          | 9                                                                                    | LLT-M19-05009M2961                                                                 | 9                                                                                   | LLT-M19-05009M2981   | 9                    | LLT-M19-05009M2941    |                      |                      |                      |                      |                      |                      |
|                          | 10                                                                                   | LLT-M19-05010M2961                                                                 | 10                                                                                  | LLT-M19-05010M2981   | 10                   | LLT-M19-05010M2941    |                      |                      |                      |                      |                      |                      |
|                          | 12                                                                                   | LLT-M19-05012M2961                                                                 | 12                                                                                  | LLT-M19-05012M2981   | 12                   | LLT-M19-05012M2941    |                      |                      |                      |                      |                      |                      |
|                          | 14                                                                                   | LLT-M19-05014M2961                                                                 | 14                                                                                  | LLT-M19-05014M2981   | 14                   | LLT-M19-05014M2941    |                      |                      |                      |                      |                      |                      |
|                          | 18                                                                                   | LLT-M19-05018M2961                                                                 | 18                                                                                  | LLT-M19-05018M2981   | 18                   | LLT-M19-05018M2941    |                      |                      |                      |                      |                      |                      |
|                          | 2+4                                                                                  | LLT-M19-20204M2961                                                                 | 2+4                                                                                 | LLT-M19-20204M2981   | 2+4                  | LLT-M19-20204M2941    |                      |                      |                      |                      |                      |                      |
|                          | 2+5                                                                                  | LLT-M19-20205M2961                                                                 | 2+5                                                                                 | LLT-M19-20205M2981   | 2+5                  | LLT-M19-20205M2941    |                      |                      |                      |                      |                      |                      |
| 3+5                      | LLT-M19-20305M2961                                                                   | 3+5                                                                                | LLT-M19-20305M2981                                                                  | 3+5                  | LLT-M19-20305M2941   |                       |                      |                      |                      |                      |                      |                      |
| 芯数<br>Contacts Numbers   | 2                                                                                    | 3                                                                                  | 4                                                                                   | 5                    | 6                    | 7                     | 8                    | 9                    | 10                   | 12                   | 14                   | 18                   |
| 额定电压<br>Voltage Rating   | 600V                                                                                 | 600V                                                                               | 600V                                                                                | 300V                 | 300V                 | 100V                  | 100V                 | 100V                 | 100V                 | 100V                 | 100V                 | 100V                 |
| 额定电流<br>Current Rating   | 20A                                                                                  | 20A                                                                                | 20A                                                                                 | 15A                  | 15A                  | 5A                    | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge       | <=2.5mm <sup>2</sup>                                                                 | <=2.5mm <sup>2</sup>                                                               | <=1.5mm <sup>2</sup>                                                                | <=1.5mm <sup>2</sup> | <=1.0mm <sup>2</sup> | <=0.75mm <sup>2</sup> | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 面板厚度<br>Panel Thickness  | 1mm-3mm                                                                              |                                                                                    |                                                                                     |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life | 3000 mating cycles                                                                   |                                                                                    |                                                                                     |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating | -40℃ - +105℃                                                                         |                                                                                    |                                                                                     |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level | IP67                                                                                 |                                                                                    |                                                                                     |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout       |  |                                                                                    |                                                                                     |                      |                      |                       |                      |                      |                      |                      |                      |                      |

备注：与第55,56页连接器互配（Matched with Connector in Page 55,56）

备注：与第55,56页连接器互配 (Matched with Connector in Page 55,56)

## M19 Series Specifications

公接头母针--Male Connector &amp; Female Pin

| 描述<br>Description | 组装式, 螺纹, 焊接<br>Field Assembly, Thread, Solder                                     | 组装式, 快卡, 焊接<br>Field Assembly, Quick Lock, Solder                                  | 组装式, 自锁, 焊接<br>Field Assembly, Push Lock, Solder                                    |
|-------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 照片<br>Photo       |  |  |  |
| 尺寸<br>Drawing     |  |  |  |

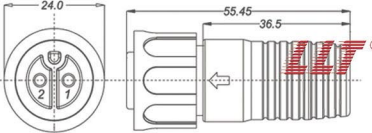
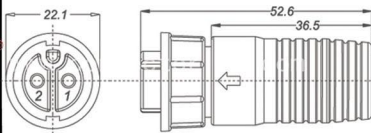
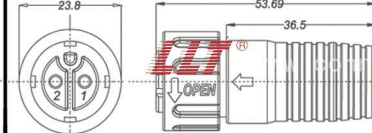
| 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     |
|----------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|
|                | 2              | LLT-M19-20002F1051 | 2              | LLT-M19-20002F1071 | 2              | LLT-M19-20002F1031 |
|                | 3              | LLT-M19-20003F1051 | 3              | LLT-M19-20003F1071 | 3              | LLT-M19-20003F1031 |
|                | 4              | LLT-M19-20004F1051 | 4              | LLT-M19-20004F1071 | 4              | LLT-M19-20004F1031 |
|                | 5              | LLT-M19-15005F1051 | 5              | LLT-M19-15005F1071 | 5              | LLT-M19-15005F1031 |
|                | 6              | LLT-M19-15006F1051 | 6              | LLT-M19-15006F1071 | 6              | LLT-M19-15006F1031 |
|                | 7              | LLT-M19-05007F1051 | 7              | LLT-M19-05007F1071 | 7              | LLT-M19-05007F1031 |
|                | 8              | LLT-M19-05008F1051 | 8              | LLT-M19-05008F1071 | 8              | LLT-M19-05008F1031 |
|                | 9              | LLT-M19-05009F1051 | 9              | LLT-M19-05009F1071 | 9              | LLT-M19-05009F1031 |
|                | 10             | LLT-M19-05010F1051 | 10             | LLT-M19-05010F1071 | 10             | LLT-M19-05010F1031 |
|                | 12             | LLT-M19-05012F1051 | 12             | LLT-M19-05012F1071 | 12             | LLT-M19-05012F1031 |
|                | 14             | LLT-M19-05014F1051 | 14             | LLT-M19-05014F1071 | 14             | LLT-M19-05014F1031 |
|                | 18             | LLT-M19-05018F1051 | 18             | LLT-M19-05018F1071 | 18             | LLT-M19-05018F1031 |

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |          |      |           |      |              |              |              |              |              |              |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 芯数<br>Contacts Numbers                                              | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3    | 4        | 5    | 6         | 7    | 8            | 9            | 10           | 12           | 14           | 18           |
| 额定电压<br>Voltage Rating                                              | 250V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 250V | 250V     | 250V | 250V      | 100V | 100V         | 100V         | 100V         | 100V         | 100V         | 100V         |
| 额定电流<br>Current Rating                                              | 20A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20A  | 20A      | 15A  | 15A       | 5A   | 5A           | 5A           | 5A           | 5A           | 5A           | 5A           |
| 线材匹配<br>Wire Gague                                                  | ≤2. 5mm2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | ≤1. 0mm2 |      | ≤0. 75mm2 |      | ≤<br>0. 5mm2 | ≤<br>0. 3mm2 | ≤<br>0. 3mm2 | ≤<br>0. 2mm2 | ≤<br>0. 2mm2 | ≤<br>0. 2mm2 |
| 线材外径<br>Cable OD                                                    | 6.0-10.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |          |      |           |      |              |              |              |              |              |              |
| 可插拔次数<br>Mechanical Life                                            | 3000 mating cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |          |      |           |      |              |              |              |              |              |              |
| 工作温度<br>Operating Rating                                            | -40℃ - +105℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |          |      |           |      |              |              |              |              |              |              |
| 防水等级<br>Waterproof Level                                            | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |          |      |           |      |              |              |              |              |              |              |
| 五金排列<br>Pin Layout                                                  | <div></div> <div>2P   3P   4P   5P   6P   7P   8P   9P   10P   11P   12P   13P   14P   大6P   2+4P   3+4P   2+5P</div> |      |          |      |           |      |              |              |              |              |              |              |
| 备注：与第53.54.57.58 页连接器互配（ Matched with Connector in Page53.54.57.58） |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |          |      |           |      |              |              |              |              |              |              |



## M19 Series Specifications

公接头母针---Male Connector &amp; Female Pin

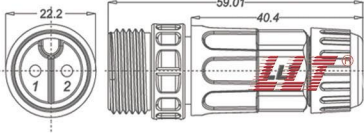
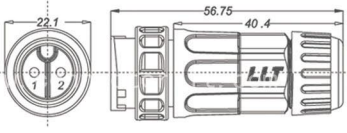
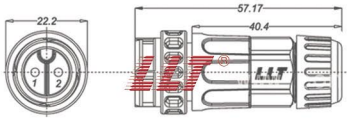
| 描述<br>Description | 注塑, 螺纹, 焊接<br>Molded with<br>Cable, Thread, Solder                                | 注塑, 快卡, 焊接<br>Molded with Cable, Quick<br>Lock, Solder                             | 注塑, 自锁, 焊接<br>Molded with Cable, Push Lock,<br>Solder                               |
|-------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 照片<br>Photo       |  |  |  |
| 尺寸<br>Drawing     |  |  |  |

| 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     |
|----------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|
|                | 2              | LLT-M19-20002F3054 | 2              | LLT-M19-20002F3074 | 2              | LLT-M19-20002F3034 |
|                | 3              | LLT-M19-20003F3054 | 3              | LLT-M19-20003F3074 | 3              | LLT-M19-20003F3034 |
|                | 4              | LLT-M19-20004F3054 | 4              | LLT-M19-20004F3074 | 4              | LLT-M19-20004F3034 |
|                | 5              | LLT-M19-15005F3054 | 5              | LLT-M19-15005F3074 | 5              | LLT-M19-15005F3034 |
|                | 6              | LLT-M19-15006F3054 | 6              | LLT-M19-15006F3074 | 6              | LLT-M19-15006F3034 |
|                | 7              | LLT-M19-05007F3054 | 7              | LLT-M19-05007F3074 | 7              | LLT-M19-05007F3034 |
|                | 8              | LLT-M19-05008F3054 | 8              | LLT-M19-05008F3074 | 8              | LLT-M19-05008F3034 |
|                | 9              | LLT-M19-05009F3054 | 9              | LLT-M19-05009F3074 | 9              | LLT-M19-05009F3034 |
|                | 10             | LLT-M19-05010F3054 | 10             | LLT-M19-05010F3074 | 10             | LLT-M19-05010F3034 |
|                | 12             | LLT-M19-05012F3054 | 12             | LLT-M19-05012F3074 | 12             | LLT-M19-05012F3034 |
|                | 14             | LLT-M19-05014F3054 | 14             | LLT-M19-05014F3074 | 14             | LLT-M19-05014F3034 |
|                | 18             | LLT-M19-05018F3054 | 18             | LLT-M19-05018F3074 | 18             | LLT-M19-05018F3034 |

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                         |      |            |      |            |            |            |            |            |            |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------|------|------------|------|------------|------------|------------|------------|------------|------------|
| 芯数<br>Contacts Numbers                                              | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3    | 4                       | 5    | 6          | 7    | 8          | 9          | 10         | 12         | 14         | 18         |
| 额定电压<br>Voltage Rating                                              | 250V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 250V | 250V                    | 250V | 250V       | 100V | 100V       | 100V       | 100V       | 100V       | 100V       | 100V       |
| 额定电流<br>Current Rating                                              | 20A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20A  | 20A                     | 15A  | 15A        | 5A   | 5A         | 5A         | 5A         | 5A         | 5A         | 5A         |
| 线材匹配<br>Wire Gague                                                  | <=2. 5mm2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | <= 1. 5mm2   <= 1. 0mm2 |      | <=0. 75mm2 |      | <= 0. 5mm2 | <= 0. 3mm2 | <= 0. 3mm2 | <= 0. 2mm2 | <= 0. 2mm2 | <= 0. 2mm2 |
| 线材外径<br>Cable OD                                                    | 3.5-12mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                         |      |            |      |            |            |            |            |            |            |
| 可插拔次数<br>Mechanical Life                                            | 3000 mating cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                         |      |            |      |            |            |            |            |            |            |
| 工作温度<br>Operating Rating                                            | -40℃ - +105℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                         |      |            |      |            |            |            |            |            |            |
| 防水等级<br>Waterproof Level                                            | IP65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                         |      |            |      |            |            |            |            |            |            |
| 五金排列<br>Pin Layout                                                  | <div></div> <div>2P   3P   4P   5P   6P   7P   8P   9P   10P   11P   12P   13P   14P   大6P   2+4P   3+4P   2+5P</div> |      |                         |      |            |      |            |            |            |            |            |            |
| 备注：与第53.54.57.58 页连接器互配（Matched with Connector in Page 53.54.57.58） |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                         |      |            |      |            |            |            |            |            |            |

## M19 Series Specifications

母接头公针--Female Connector &amp; Male Pin

| 描述<br>Description | 组装式, 螺纹, 焊接<br>Field Assembly, Thread, Solder                                     | 组装式, 快卡, 焊接<br>Field Assembly, Quick Lock, Solder                                  | 组装式, 自锁, 焊接<br>Field Assembly, Push Lock, Solder                                    |
|-------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 照片<br>Photo       |  |  |  |
| 尺寸<br>Drawing     |  |  |  |

| 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     |
|----------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|
|                | 2              | LLT-M19-20002M1061 | 2              | LLT-M19-20002M1081 | 2              | LLT-M19-20002M1041 |
|                | 3              | LLT-M19-20003M1061 | 3              | LLT-M19-20003M1081 | 3              | LLT-M19-20003M1041 |
|                | 4              | LLT-M19-20004M1061 | 4              | LLT-M19-20004M1081 | 4              | LLT-M19-20004M1041 |
|                | 5              | LLT-M19-15005M1061 | 5              | LLT-M19-15005M1081 | 5              | LLT-M19-15005M1041 |
|                | 6              | LLT-M19-15006M1061 | 6              | LLT-M19-15006M1081 | 6              | LLT-M19-15006M1041 |
|                | 7              | LLT-M19-05007M1061 | 7              | LLT-M19-05007M1081 | 7              | LLT-M19-05007M1041 |
|                | 8              | LLT-M19-05008M1061 | 8              | LLT-M19-05008M1081 | 8              | LLT-M19-05008M1041 |
|                | 9              | LLT-M19-05009M1061 | 9              | LLT-M19-05009M1081 | 9              | LLT-M19-05009M1041 |
|                | 10             | LLT-M19-05010M1061 | 10             | LLT-M19-05010M1081 | 10             | LLT-M19-05010M1041 |
|                | 12             | LLT-M19-05012M1061 | 12             | LLT-M19-05012M1081 | 12             | LLT-M19-05012M1041 |
|                | 14             | LLT-M19-05014M1061 | 14             | LLT-M19-05014M1081 | 14             | LLT-M19-05014M1041 |
|                | 18             | LLT-M19-05018M1061 | 18             | LLT-M19-05018M1081 | 18             | LLT-M19-05018M1041 |

| 芯数<br>Contacts Numbers                                 | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3    | 4                                         | 5    | 6                     | 7    | 8                    | 9                    | 10                   | 12                   | 14                   | 18                   |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------|------|-----------------------|------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 额定电压<br>Voltage Rating                                 | 250V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 250V | 250V                                      | 250V | 250V                  | 100V | 100V                 | 100V                 | 100V                 | 100V                 | 100V                 | 100V                 |
| 额定电流<br>Current Rating                                 | 20A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20A  | 20A                                       | 15A  | 15A                   | 5A   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                     | ≤2. 5mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | ≤1. 5mm <sup>2</sup> ≤1. 0mm <sup>2</sup> |      | ≤0. 75mm <sup>2</sup> |      | ≤0. 5mm <sup>2</sup> | ≤0. 3mm <sup>2</sup> | ≤0. 3mm <sup>2</sup> | ≤0. 2mm <sup>2</sup> | ≤0. 2mm <sup>2</sup> | ≤0. 2mm <sup>2</sup> |
| 线材外径<br>Cable OD                                       | 6-10mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                           |      |                       |      |                      |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                               | 3000 mating cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                           |      |                       |      |                      |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                               | -40℃ - +105℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                                           |      |                       |      |                      |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                               | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |                                           |      |                       |      |                      |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                     | <div>                </div> <div>2P   3P   4P   5P   6P   7P   8P   9P   10P   11P   12P   13P   14P   大6P   2+4P   3+4P   2+5P</div> |      |                                           |      |                       |      |                      |                      |                      |                      |                      |                      |
| 备注：与第55.56页连接器互配（ Matched with Connector in Page55.56） |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                           |      |                       |      |                      |                      |                      |                      |                      |                      |



M19 Series Specifications

母接头公针--Female Connector & Male Pin

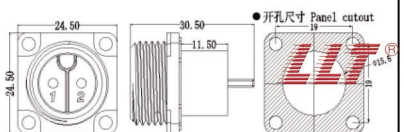
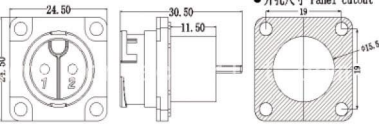
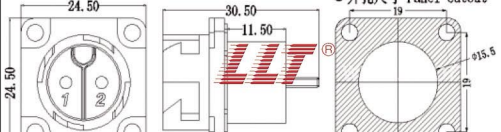
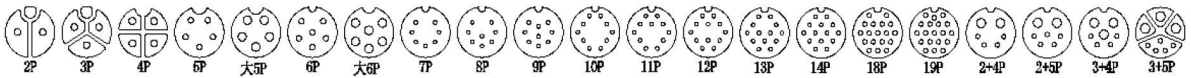
|                   |                                                  |                                                      |                                                     |
|-------------------|--------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|
| 描述<br>Description | 注塑，螺纹，焊接<br>Molded with<br>Cable, Thread, Solder | 注塑，快卡，焊接<br>Molded with Cable, Quick<br>Lock, Solder | 注塑，自锁，焊接<br>Molded with Cable, Push Lock,<br>Solder |
| 照片<br>Photo       |                                                  |                                                      |                                                     |
| 尺寸<br>Drawing     |                                                  |                                                      |                                                     |

|                |                |                    |                |                    |                |                    |
|----------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|
| 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     |
|                | 2              | LLT-M19-20002M3064 | 2              | LLT-M19-20002M3084 | 2              | LLT-M19-20002M3044 |
|                | 3              | LLT-M19-20003M3064 | 3              | LLT-M19-20003M3084 | 3              | LLT-M19-20003M3044 |
|                | 4              | LLT-M19-20004M3064 | 4              | LLT-M19-20004M3084 | 4              | LLT-M19-20004M3044 |
|                | 5              | LLT-M19-15005M3064 | 5              | LLT-M19-15005M3084 | 5              | LLT-M19-15005M3044 |
|                | 6              | LLT-M19-15006M3064 | 6              | LLT-M19-15006M3084 | 6              | LLT-M19-15006M3044 |
|                | 7              | LLT-M19-05007M3064 | 7              | LLT-M19-05007M3084 | 7              | LLT-M19-05007M3044 |
|                | 8              | LLT-M19-05008M3064 | 8              | LLT-M19-05008M3084 | 8              | LLT-M19-05008M3044 |
|                | 9              | LLT-M19-05009M3064 | 9              | LLT-M19-05009M3084 | 9              | LLT-M19-05009M3044 |
|                | 10             | LLT-M19-05010M3064 | 10             | LLT-M19-05010M3084 | 10             | LLT-M19-05010M3044 |
|                | 12             | LLT-M19-05012M3064 | 12             | LLT-M19-05012M3084 | 12             | LLT-M19-05012M3044 |
|                | 14             | LLT-M19-05014M3064 | 14             | LLT-M19-05014M3084 | 14             | LLT-M19-05014M3044 |
|                | 18             | LLT-M19-05018M3064 | 18             | LLT-M19-05018M3084 | 18             | LLT-M19-05018M3044 |

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                      |      |           |      |          |          |          |          |          |          |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------|------|-----------|------|----------|----------|----------|----------|----------|----------|
| 芯数<br>Contacts Numbers                                | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3    | 4                    | 5    | 6         | 7    | 8        | 9        | 10       | 12       | 14       | 18       |
| 额定电压<br>Voltage Rating                                | 250V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 250V | 250V                 | 250V | 250V      | 100V | 100V     | 100V     | 100V     | 100V     | 100V     | 100V     |
| 额定电流<br>Current Rating                                | 20A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 20A  | 20A                  | 15A  | 15A       | 5A   | 5A       | 5A       | 5A       | 5A       | 5A       | 5A       |
| 线材匹配<br>Wire Gague                                    | ≤2. 5mm2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | ≤1. 5mm2    ≤1. 0mm2 |      | ≤0. 75mm2 |      | ≤0. 5mm2 | ≤0. 3mm2 | ≤0. 3mm2 | ≤0. 2mm2 | ≤0. 2mm2 | ≤0. 2mm2 |
| 线材外径<br>Cable OD                                      | 3.5-12mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                      |      |           |      |          |          |          |          |          |          |
| 可插拔次数<br>Mechanical Life                              | 3000 mating cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                      |      |           |      |          |          |          |          |          |          |
| 工作温度<br>Operating Rating                              | -40℃ - +105℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |                      |      |           |      |          |          |          |          |          |          |
| 防水等级<br>Waterproof Level                              | IP65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                      |      |           |      |          |          |          |          |          |          |
| 五金排列<br>Pin Layout                                    | <div>2P3P4P5P6P7P8P9P10P11P12P13P14P大6P2+4P3+4P2+5P</div> |      |                      |      |           |      |          |          |          |          |          |          |
| 备注：与第55.56页连接器互配（Matched with Connector in Page55.56） |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |                      |      |           |      |          |          |          |          |          |          |

## M19 Series Specifications

法兰式公针---Flanged Connector &amp; Male Pin

|                                                        |                                                                                      |                      |                      |                                                                                    |                      |                       |                                                                                     |                      |                      |                      |                      |                      |
|--------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------|----------------------|------------------------------------------------------------------------------------|----------------------|-----------------------|-------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 描述<br>Description                                      | 法兰式，螺纹，焊线<br>Flanged, Thread, Solder                                                 |                      |                      | 法兰式，快卡，焊线<br>Flanged, Bayonet, Solder                                              |                      |                       | 法兰式，自锁，焊线<br>Flanged, Push Lock, Solder                                             |                      |                      |                      |                      |                      |
| 照片<br>Photo                                            |     |                      |                      |   |                      |                       |  |                      |                      |                      |                      |                      |
| 尺寸<br>Drawing                                          |     |                      |                      |  |                      |                       |  |                      |                      |                      |                      |                      |
| 料号<br>Part No.                                         | 芯数<br>Contacts                                                                       | 料号<br>Part No.       |                      |                                                                                    | 芯数<br>Contacts       | 料号<br>Part No.        |                                                                                     |                      | 芯数<br>Contacts       | 料号<br>Part No.       |                      |                      |
|                                                        | 2                                                                                    | LLT-M19-20002M4961   |                      |                                                                                    | 2                    | LLT-M19-20002M4981    |                                                                                     |                      | 2                    | LLT-M19-20002M4941   |                      |                      |
|                                                        | 3                                                                                    | LLT-M19-20003M4961   |                      |                                                                                    | 3                    | LLT-M19-20003M4981    |                                                                                     |                      | 3                    | LLT-M19-20003M4941   |                      |                      |
|                                                        | 4                                                                                    | LLT-M19-20004M4961   |                      |                                                                                    | 4                    | LLT-M19-20004M4981    |                                                                                     |                      | 4                    | LLT-M19-20004M4941   |                      |                      |
|                                                        | 5                                                                                    | LLT-M19-15005M4961   |                      |                                                                                    | 5                    | LLT-M19-15005M4981    |                                                                                     |                      | 5                    | LLT-M19-15005M4941   |                      |                      |
|                                                        | 6                                                                                    | LLT-M19-15006M4961   |                      |                                                                                    | 6                    | LLT-M19-15006M4981    |                                                                                     |                      | 6                    | LLT-M19-15006M4941   |                      |                      |
|                                                        | 7                                                                                    | LLT-M19-05007M4961   |                      |                                                                                    | 7                    | LLT-M19-05007M4981    |                                                                                     |                      | 7                    | LLT-M19-05007M4941   |                      |                      |
|                                                        | 8                                                                                    | LLT-M19-05008M4961   |                      |                                                                                    | 8                    | LLT-M19-05008M4981    |                                                                                     |                      | 8                    | LLT-M19-05008M4941   |                      |                      |
|                                                        | 9                                                                                    | LLT-M19-05009M4961   |                      |                                                                                    | 9                    | LLT-M19-05009M4981    |                                                                                     |                      | 9                    | LLT-M19-05009M4941   |                      |                      |
|                                                        | 10                                                                                   | LLT-M19-05010M4961   |                      |                                                                                    | 10                   | LLT-M19-05010M4981    |                                                                                     |                      | 10                   | LLT-M19-05010M4941   |                      |                      |
|                                                        | 12                                                                                   | LLT-M19-05012M4961   |                      |                                                                                    | 12                   | LLT-M19-05012M4981    |                                                                                     |                      | 12                   | LLT-M19-05012M4941   |                      |                      |
|                                                        | 14                                                                                   | LLT-M19-05014M4961   |                      |                                                                                    | 14                   | LLT-M19-05014M4981    |                                                                                     |                      | 14                   | LLT-M19-05014M4941   |                      |                      |
|                                                        | 18                                                                                   | LLT-M19-05018M4961   |                      |                                                                                    | 18                   | LLT-M19-05018M4981    |                                                                                     |                      | 18                   | LLT-M19-05018M4941   |                      |                      |
|                                                        | 2+4                                                                                  | LLT-M19-20204M4961   |                      |                                                                                    | 2+4                  | LLT-M19-20204M4981    |                                                                                     |                      | 2+4                  | LLT-M19-20204M4941   |                      |                      |
|                                                        | 2+5                                                                                  | LLT-M19-20205M4961   |                      |                                                                                    | 2+5                  | LLT-M19-20205M4981    |                                                                                     |                      | 2+5                  | LLT-M19-20205M4941   |                      |                      |
| 3+5                                                    | LLT-M19-20305M4961                                                                   |                      |                      | 3+5                                                                                | LLT-M19-20305M4981   |                       |                                                                                     | 3+5                  | LLT-M19-20305M4941   |                      |                      |                      |
| 芯数<br>Contacts Numbers                                 | 2                                                                                    | 3                    | 4                    | 5                                                                                  | 6                    | 7                     | 8                                                                                   | 9                    | 10                   | 12                   | 14                   | 18                   |
| 额定电压<br>Voltage Rating                                 | 600V                                                                                 | 600V                 | 600V                 | 300V                                                                               | 300V                 | 100V                  | 100V                                                                                | 100V                 | 100V                 | 100V                 | 100V                 | 100V                 |
| 额定电流<br>Current Rating                                 | 20A                                                                                  | 20A                  | 20A                  | 15A                                                                                | 15A                  | 5A                    | 5A                                                                                  | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                     | <=2.5mm <sup>2</sup>                                                                 | <=2.5mm <sup>2</sup> | <=1.5mm <sup>2</sup> | <=1.5mm <sup>2</sup>                                                               | <=1.0mm <sup>2</sup> | <=0.75mm <sup>2</sup> | <=0.5mm <sup>2</sup>                                                                | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 面板厚度<br>Panel Thickness                                | 1mm-3mm                                                                              |                      |                      |                                                                                    |                      |                       |                                                                                     |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                               | 3000 mating cycles                                                                   |                      |                      |                                                                                    |                      |                       |                                                                                     |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                               | -40℃ - +105℃                                                                         |                      |                      |                                                                                    |                      |                       |                                                                                     |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                               | IP67                                                                                 |                      |                      |                                                                                    |                      |                       |                                                                                     |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                     |  |                      |                      |                                                                                    |                      |                       |                                                                                     |                      |                      |                      |                      |                      |
| 备注：与第55,56页连接器互配（Matched with Connector in Page 55,56） |                                                                                      |                      |                      |                                                                                    |                      |                       |                                                                                     |                      |                      |                      |                      |                      |

备注：与第55,56页连接器互配（Matched with Connector in Page 55,56）



# M19 Series Specifications

法兰式母针---Flanged Connector & Female Pin

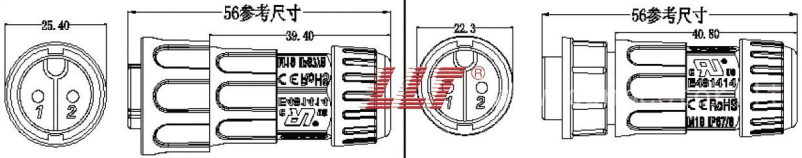
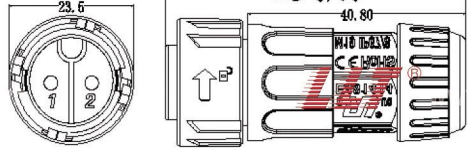
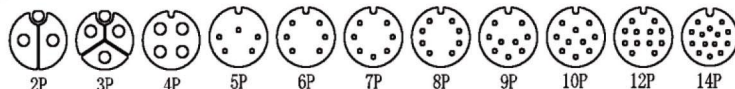
| 描述<br>Description        | 法兰式，螺纹，焊线<br>Flanged, Thread, Solder | 法兰式，快卡，焊线<br>Flanged, Bayonet, Solder | 法兰式，自锁，焊线<br>Flanged, Push Lock, Solder |                      |                      |                       |                      |                      |                      |                      |                      |                      |
|--------------------------|--------------------------------------|---------------------------------------|-----------------------------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo              |                                      |                                       |                                         |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 尺寸<br>Drawing            |                                      |                                       |                                         |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 料号<br>Part No.           | 芯数<br>Contacts                       | 料号<br>Part No.                        | 芯数<br>Contacts                          | 料号<br>Part No.       | 芯数<br>Contacts       | 料号<br>Part No.        |                      |                      |                      |                      |                      |                      |
|                          | 2                                    | LLT-M19-20002F4961                    | 2                                       | LLT-M19-20002F4981   | 2                    | LLT-M19-20002F4941    |                      |                      |                      |                      |                      |                      |
|                          | 3                                    | LLT-M19-20003F4961                    | 3                                       | LLT-M19-20003F4981   | 3                    | LLT-M19-20003F4841    |                      |                      |                      |                      |                      |                      |
|                          | 4                                    | LLT-M19-20004F4961                    | 4                                       | LLT-M19-20004F4981   | 4                    | LLT-M19-20004F4941    |                      |                      |                      |                      |                      |                      |
|                          | 5                                    | LLT-M19-15005F4961                    | 5                                       | LLT-M19-15005F4981   | 5                    | LLT-M19-15005F4941    |                      |                      |                      |                      |                      |                      |
|                          | 6                                    | LLT-M19-15006F4961                    | 6                                       | LLT-M19-15006F4981   | 6                    | LLT-M19-15006F4941    |                      |                      |                      |                      |                      |                      |
|                          | 7                                    | LLT-M19-05007F4961                    | 7                                       | LLT-M19-05007F4981   | 7                    | LLT-M19-05007F4941    |                      |                      |                      |                      |                      |                      |
|                          | 8                                    | LLT-M19-05008F4961                    | 8                                       | LLT-M19-05008F4981   | 8                    | LLT-M19-05008F4941    |                      |                      |                      |                      |                      |                      |
|                          | 9                                    | LLT-M19-05009F4961                    | 9                                       | LLT-M19-05009F4981   | 9                    | LLT-M19-05009F4941    |                      |                      |                      |                      |                      |                      |
|                          | 10                                   | LLT-M19-05010F4961                    | 10                                      | LLT-M19-05010F4981   | 10                   | LLT-M19-05010F4941    |                      |                      |                      |                      |                      |                      |
|                          | 12                                   | LLT-M19-05012F4961                    | 12                                      | LLT-M19-05012F4981   | 12                   | LLT-M19-05012F4941    |                      |                      |                      |                      |                      |                      |
|                          | 14                                   | LLT-M19-05014F4961                    | 14                                      | LLT-M19-05014F4981   | 14                   | LLT-M19-05014F4941    |                      |                      |                      |                      |                      |                      |
|                          | 18                                   | LLT-M19-05018F4961                    | 18                                      | LLT-M19-05018F4981   | 18                   | LLT-M19-05018F4941    |                      |                      |                      |                      |                      |                      |
|                          | 2+4                                  | LLT-M19-20204F4961                    | 2+4                                     | LLT-M19-20204F4981   | 2+4                  | LLT-M19-20204F4941    |                      |                      |                      |                      |                      |                      |
| 2+5                      | LLT-M19-20205F4961                   | 2+5                                   | LLT-M19-20205F4981                      | 2+5                  | LLT-M19-20205F4941   |                       |                      |                      |                      |                      |                      |                      |
| 3+5                      | LLT-M19-20305F4961                   | 3+5                                   | LLT-M19-20305F4981                      | 3+5                  | LLT-M19-20305F4941   |                       |                      |                      |                      |                      |                      |                      |
| 芯数<br>Contacts Numbers   | 2                                    | 3                                     | 4                                       | 5                    | 6                    | 7                     | 8                    | 9                    | 10                   | 12                   | 14                   | 18                   |
| 额定电压<br>Voltage Rating   | 300V                                 | 300V                                  | 300V                                    | 300V                 | 300V                 | 100V                  | 100V                 | 100V                 | 100V                 | 100V                 | 100V                 | 100V                 |
| 额定电流<br>Current Rating   | 20A                                  | 20A                                   | 20A                                     | 15A                  | 15A                  | 5A                    | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge       | <=2.5mm <sup>2</sup>                 | <=2.5mm <sup>2</sup>                  | <=1.5mm <sup>2</sup>                    | <=1.5mm <sup>2</sup> | <=1.0mm <sup>2</sup> | <=0.75mm <sup>2</sup> | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 面板厚度<br>Panel Thickness  | 1mm-3mm                              |                                       |                                         |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life | 3000 mating cycles                   |                                       |                                         |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating | -40℃ - +105℃                         |                                       |                                         |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level | IP67                                 |                                       |                                         |                      |                      |                       |                      |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout       |                                      |                                       |                                         |                      |                      |                       |                      |                      |                      |                      |                      |                      |

备注：与第55,56页连接器互配（Matched with Connector in Page 55,56）

备注: 与第55,56页连接器互配 (Matched with Connector in Page 55,56)

M19 Series Specifications

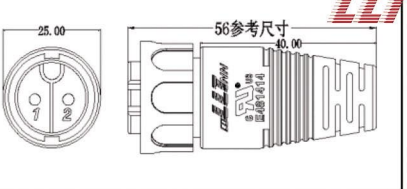
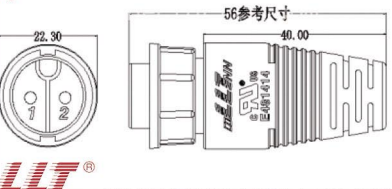
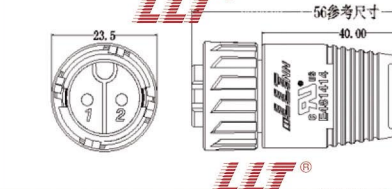
公接头公针--Male Connector & Male Pin

| 描述<br>Description                                        | 组装式，螺纹，焊接<br>Field Assembly, Thread, Solder                                          | 组装式，快卡，焊接<br>Field Assembly, Bayonet, Solder                                      | 组装式，自锁，焊接<br>Field Assembly, Push Lock, Solder                                      |                    |                    |                    |          |          |          |          |          |          |
|----------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|--------------------|--------------------|----------|----------|----------|----------|----------|----------|
| 照片<br>Photo                                              |     |  |  |                    |                    |                    |          |          |          |          |          |          |
| 尺寸<br>Drawing                                            |     |                                                                                   |  |                    |                    |                    |          |          |          |          |          |          |
| 料号<br>Part No.                                           | 芯数<br>Contacts                                                                       | 料号<br>Part No.                                                                    | 芯数<br>Contacts                                                                      | 料号<br>Part No.     | 芯数<br>Contacts     | 料号<br>Part No.     |          |          |          |          |          |          |
|                                                          | 2                                                                                    | LLT-M19-20002M1051                                                                | 2                                                                                   | LLT-M19-20002M1071 | 2                  | LLT-M19-20002M1031 |          |          |          |          |          |          |
|                                                          | 3                                                                                    | LLT-M19-20003M1051                                                                | 3                                                                                   | LLT-M19-20003M1071 | 3                  | LLT-M19-20003M1031 |          |          |          |          |          |          |
|                                                          | 4                                                                                    | LLT-M19-20004M1051                                                                | 4                                                                                   | LLT-M19-20004M1071 | 4                  | LLT-M19-20004M1031 |          |          |          |          |          |          |
|                                                          | 5                                                                                    | LLT-M19-15005M1051                                                                | 5                                                                                   | LLT-M19-15005M1071 | 5                  | LLT-M19-15005M1031 |          |          |          |          |          |          |
|                                                          | 6                                                                                    | LLT-M19-15006M1051                                                                | 6                                                                                   | LLT-M19-15006M1071 | 6                  | LLT-M19-15006M1031 |          |          |          |          |          |          |
|                                                          | 7                                                                                    | LLT-M19-05007M1051                                                                | 7                                                                                   | LLT-M19-05007M1071 | 7                  | LLT-M19-05007M1031 |          |          |          |          |          |          |
|                                                          | 8                                                                                    | LLT-M19-05008M1051                                                                | 8                                                                                   | LLT-M19-05008M1071 | 8                  | LLT-M19-05008M1031 |          |          |          |          |          |          |
|                                                          | 9                                                                                    | LLT-M19-05009M1051                                                                | 9                                                                                   | LLT-M19-05009M1071 | 9                  | LLT-M19-05009M1031 |          |          |          |          |          |          |
|                                                          | 10                                                                                   | LLT-M19-05010M1051                                                                | 10                                                                                  | LLT-M19-05010M1071 | 10                 | LLT-M19-05010M1031 |          |          |          |          |          |          |
|                                                          | 12                                                                                   | LLT-M19-05012M1051                                                                | 12                                                                                  | LLT-M19-05012M1071 | 12                 | LLT-M19-05012M1031 |          |          |          |          |          |          |
|                                                          | 14                                                                                   | LLT-M19-05014M1051                                                                | 14                                                                                  | LLT-M19-05014M1071 | 14                 | LLT-M19-05014M1031 |          |          |          |          |          |          |
|                                                          | 18                                                                                   | LLT-M19-05018M1051                                                                | 18                                                                                  | LLT-M19-05018M1071 | 18                 | LLT-M19-05018M1031 |          |          |          |          |          |          |
|                                                          | 2+4                                                                                  | LLT-M19-20204M1051                                                                | 2+4                                                                                 | LLT-M19-20204M1071 | 2+4                | LLT-M19-20204M1031 |          |          |          |          |          |          |
|                                                          | 2+5                                                                                  | LLT-M19-20205M1051                                                                | 2+5                                                                                 | LLT-M19-20205M1071 | 2+5                | LLT-M19-20205M1031 |          |          |          |          |          |          |
| 3+5                                                      | LLT-M19-20305M1051                                                                   | 3+5                                                                               | LLT-M19-20305M1071                                                                  | 3+5                | LLT-M19-20305M1031 |                    |          |          |          |          |          |          |
| 芯数<br>Contacts Numbers                                   | 2                                                                                    | 3                                                                                 | 4                                                                                   | 5                  | 6                  | 7                  | 8        | 9        | 10       | 12       | 14       | 18       |
| 额定电压<br>Voltage Rating                                   | 600V                                                                                 | 600V                                                                              | 600V                                                                                | 300V               | 300V               | 100V               | 100V     | 100V     | 100V     | 100V     | 100V     | 100V     |
| 额定电流<br>Current Rating                                   | 20A                                                                                  | 20A                                                                               | 20A                                                                                 | 15A                | 15A                | 5A                 | 5A       | 5A       | 5A       | 5A       | 5A       | 5A       |
| 线材匹配<br>Wire Gauge                                       | <=2.5mm2                                                                             | <=2.5mm2                                                                          | <=1.5mm2                                                                            | <=1.5mm2           | <=1.0mm2           | <=0.75mm2          | <=0.5mm2 | <=0.3mm2 | <=0.3mm2 | <=0.2mm2 | <=0.2mm2 | <=0.2mm2 |
| 线材外径<br>Cable OD                                         | 6mm-10mm                                                                             |                                                                                   |                                                                                     |                    |                    |                    |          |          |          |          |          |          |
| 可插拔次数<br>Mechanical Life                                 | 3000 mating cycles                                                                   |                                                                                   |                                                                                     |                    |                    |                    |          |          |          |          |          |          |
| 工作温度<br>Operating Rating                                 | -40℃ - +105℃                                                                         |                                                                                   |                                                                                     |                    |                    |                    |          |          |          |          |          |          |
| 防水等级<br>Waterproof Level                                 | IP67                                                                                 |                                                                                   |                                                                                     |                    |                    |                    |          |          |          |          |          |          |
| 五金排列<br>Pin Layout                                       |  |                                                                                   |                                                                                     |                    |                    |                    |          |          |          |          |          |          |
| 备注：与第 62,63 页连接器互配（Matched with Connector in Page 62,63） |                                                                                      |                                                                                   |                                                                                     |                    |                    |                    |          |          |          |          |          |          |



# M19 Series Specifications

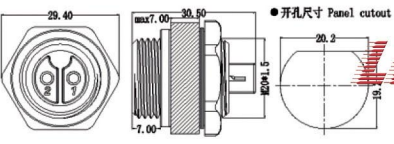
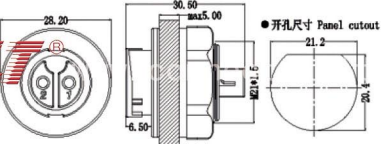
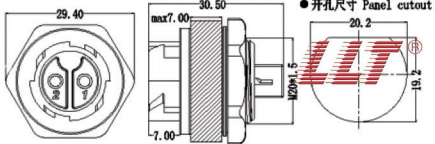
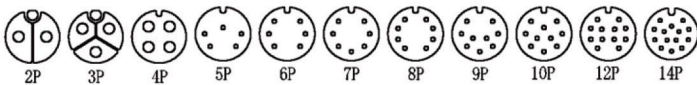
公接头公针--Male Connector & Male Pin

| 描述<br>Description        | 注塑，螺纹，焊接<br>Molded with Cable, Thread, Solder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |          | 注塑，快卡，焊接<br>Molded with Cable, Bayonet, Solder                                     |                    |                    | 注塑式，自锁，焊接<br>Molded with Cable, Push Lock, Solder                                   |          |                    |                    |          |          |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|------------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------------------------------------------------|----------|--------------------|--------------------|----------|----------|
| 照片<br>Photo              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |          |  |                    |                    |  |          |                    |                    |          |          |
| 尺寸<br>Drawing            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |          |  |                    |                    |  |          |                    |                    |          |          |
| 料号<br>Part No.           | 芯数<br>Contacts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 料号<br>Part No.     |          |                                                                                    | 芯数<br>Contacts     | 料号<br>Part No.     |                                                                                     |          | 芯数<br>Contacts     | 料号<br>Part No.     |          |          |
|                          | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LLT-M19-20002M3054 |          |                                                                                    | 2                  | LLT-M19-20002M3074 |                                                                                     |          | 2                  | LLT-M19-20002M3034 |          |          |
|                          | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LLT-M19-20003M3054 |          |                                                                                    | 3                  | LLT-M19-20003M3074 |                                                                                     |          | 3                  | LLT-M19-20003M3034 |          |          |
|                          | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LLT-M19-20004M3054 |          |                                                                                    | 4                  | LLT-M19-20004M3074 |                                                                                     |          | 4                  | LLT-M19-20004M3034 |          |          |
|                          | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LLT-M19-15005M3054 |          |                                                                                    | 5                  | LLT-M19-15005M3074 |                                                                                     |          | 5                  | LLT-M19-15005M3034 |          |          |
|                          | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LLT-M19-15006M3054 |          |                                                                                    | 6                  | LLT-M19-15006M3074 |                                                                                     |          | 6                  | LLT-M19-15006M3034 |          |          |
|                          | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LLT-M19-05007M3054 |          |                                                                                    | 7                  | LLT-M19-05007M3074 |                                                                                     |          | 7                  | LLT-M19-05007M3034 |          |          |
|                          | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LLT-M19-05008M3054 |          |                                                                                    | 8                  | LLT-M19-05008M3074 |                                                                                     |          | 8                  | LLT-M19-05008M3034 |          |          |
|                          | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LLT-M19-05009M3054 |          |                                                                                    | 9                  | LLT-M19-05009M3074 |                                                                                     |          | 9                  | LLT-M19-05009M3034 |          |          |
|                          | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LLT-M19-05010M3054 |          |                                                                                    | 10                 | LLT-M19-05010M3074 |                                                                                     |          | 10                 | LLT-M19-05010M3034 |          |          |
|                          | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LLT-M19-05012M3054 |          |                                                                                    | 12                 | LLT-M19-05012M3074 |                                                                                     |          | 12                 | LLT-M19-05012M3034 |          |          |
|                          | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LLT-M19-05014M3054 |          |                                                                                    | 14                 | LLT-M19-05014M3074 |                                                                                     |          | 14                 | LLT-M19-05014M3034 |          |          |
|                          | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LLT-M19-05018M3054 |          |                                                                                    | 18                 | LLT-M19-05018M3074 |                                                                                     |          | 18                 | LLT-M19-05018M3034 |          |          |
|                          | 2+4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LLT-M19-20204M3054 |          |                                                                                    | 2+4                | LLT-M19-20204M3074 |                                                                                     |          | 2+4                | LLT-M19-20204M3034 |          |          |
|                          | 2+5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LLT-M19-20205M3054 |          |                                                                                    | 2+5                | LLT-M19-20205M3074 |                                                                                     |          | 2+5                | LLT-M19-20205M3034 |          |          |
| 3+5                      | LLT-M19-20305M3054                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |          | 3+5                                                                                | LLT-M19-20305M3074 |                    |                                                                                     | 3+5      | LLT-M19-20305M3034 |                    |          |          |
| 芯数<br>Contacts Numbers   | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3                  | 4        | 5                                                                                  | 6                  | 7                  | 8                                                                                   | 9        | 10                 | 12                 | 14       | 18       |
| 额定电压<br>Voltage Rating   | 600V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 600V               | 600V     | 300V                                                                               | 300V               | 100V               | 100V                                                                                | 100V     | 100V               | 100V               | 100V     | 100V     |
| 额定电流<br>Current Rating   | 20A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20A                | 20A      | 15A                                                                                | 15A                | 5A                 | 5A                                                                                  | 5A       | 5A                 | 5A                 | 5A       | 5A       |
| 线材匹配<br>Wire Gague       | <=2.5mm2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <=2.5mm2           | <=1.5mm2 | <=1.5mm2                                                                           | <=1.0mm2           | <=0.75mm2          | <=0.5mm2                                                                            | <=0.3mm2 | <=0.3mm2           | <=0.2mm2           | <=0.2mm2 | <=0.2mm2 |
| 线材外径<br>Cable OD         | 3.5mm-12mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                    |          |                                                                                    |                    |                    |                                                                                     |          |                    |                    |          |          |
| 可插拔次数<br>Mechanical Life | 3000 mating cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |          |                                                                                    |                    |                    |                                                                                     |          |                    |                    |          |          |
| 工作温度<br>Operating Rating | -40℃ - +105℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    |          |                                                                                    |                    |                    |                                                                                     |          |                    |                    |          |          |
| 防水等级<br>Waterproof Level | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |          |                                                                                    |                    |                    |                                                                                     |          |                    |                    |          |          |
| 五金排列<br>Pin Layout       | <div>2P3P4P5P6P7P8P9P10P12P14P</div> |                    |          |                                                                                    |                    |                    |                                                                                     |          |                    |                    |          |          |

备注: 与第59,60页连接器互配 (Matched with Connector in Page 59,60)

## M19 Series Specifications

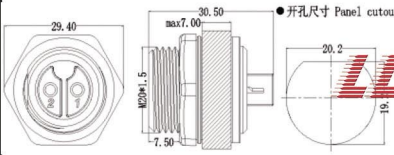
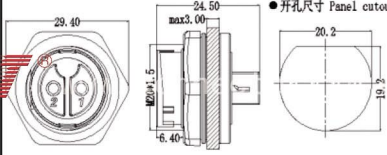
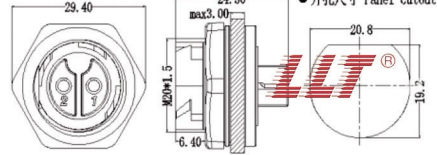
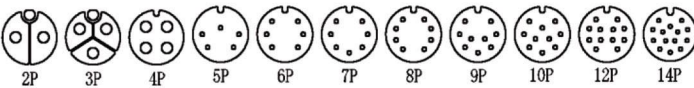
面板式母针---Panel Connector &amp; Female Pin

| 描述<br>Description                                        | 后装面板, 螺纹, 焊线<br>Rear Panel Mount, Thread, Solder                                     |                      | 后装面板, 快卡, 焊线<br>Rear Panel Mount, Bayonet, Solder                                 |                      | 后装面板, 自锁, 焊线<br>Rear Panel Mount, Push Lock, Solder                                 |                       |                      |                      |                      |                      |                      |                      |
|----------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 照片<br>Photo                                              |     |                      |  |                      |  |                       |                      |                      |                      |                      |                      |                      |
| 尺寸<br>Drawing                                            |     |                      |  |                      |  |                       |                      |                      |                      |                      |                      |                      |
| 料号<br>Part No.                                           | 芯数<br>Contacts                                                                       | 料号<br>Part No.       | 芯数<br>Contacts                                                                    | 料号<br>Part No.       | 芯数<br>Contacts                                                                      | 料号<br>Part No.        |                      |                      |                      |                      |                      |                      |
|                                                          | 2                                                                                    | LLT-M19-20002F2961   | 2                                                                                 | LLT-M19-20002F2981   | 2                                                                                   | LLT-M19-20002F2941    |                      |                      |                      |                      |                      |                      |
|                                                          | 3                                                                                    | LLT-M19-20003F2961   | 3                                                                                 | LLT-M19-20003F2981   | 3                                                                                   | LLT-M19-20003F2941    |                      |                      |                      |                      |                      |                      |
|                                                          | 4                                                                                    | LLT-M19-20004F2961   | 4                                                                                 | LLT-M19-20004F2981   | 4                                                                                   | LLT-M19-20004F2941    |                      |                      |                      |                      |                      |                      |
|                                                          | 5                                                                                    | LLT-M19-15005F2961   | 5                                                                                 | LLT-M19-15005F2981   | 5                                                                                   | LLT-M19-15005F2941    |                      |                      |                      |                      |                      |                      |
|                                                          | 6                                                                                    | LLT-M19-15006F2961   | 6                                                                                 | LLT-M19-15006F2981   | 6                                                                                   | LLT-M19-15006F2941    |                      |                      |                      |                      |                      |                      |
|                                                          | 7                                                                                    | LLT-M19-05007F2961   | 7                                                                                 | LLT-M19-05007F2981   | 7                                                                                   | LLT-M19-05007F2941    |                      |                      |                      |                      |                      |                      |
|                                                          | 8                                                                                    | LLT-M19-05008F2961   | 8                                                                                 | LLT-M19-05008F2981   | 8                                                                                   | LLT-M19-05008F2941    |                      |                      |                      |                      |                      |                      |
|                                                          | 9                                                                                    | LLT-M19-05009F2961   | 9                                                                                 | LLT-M19-05009F2981   | 9                                                                                   | LLT-M19-05009F2941    |                      |                      |                      |                      |                      |                      |
|                                                          | 10                                                                                   | LLT-M19-05010F2961   | 10                                                                                | LLT-M19-05010F2981   | 10                                                                                  | LLT-M19-05010F2941    |                      |                      |                      |                      |                      |                      |
|                                                          | 12                                                                                   | LLT-M19-05012F2961   | 12                                                                                | LLT-M19-05012F2981   | 12                                                                                  | LLT-M19-05012F2941    |                      |                      |                      |                      |                      |                      |
|                                                          | 14                                                                                   | LLT-M19-05014F2961   | 14                                                                                | LLT-M19-05014F2981   | 14                                                                                  | LLT-M19-05014F2941    |                      |                      |                      |                      |                      |                      |
|                                                          | 18                                                                                   | LLT-M19-05018F2961   | 18                                                                                | LLT-M19-05018F2981   | 18                                                                                  | LLT-M19-05018F2941    |                      |                      |                      |                      |                      |                      |
|                                                          | 2+4                                                                                  | LLT-M19-20204F2961   | 2+4                                                                               | LLT-M19-20204F2981   | 2+4                                                                                 | LLT-M19-20204F2941    |                      |                      |                      |                      |                      |                      |
|                                                          | 2+5                                                                                  | LLT-M19-20205F2961   | 2+5                                                                               | LLT-M19-20205F2981   | 2+5                                                                                 | LLT-M19-20205F2941    |                      |                      |                      |                      |                      |                      |
| 3+5                                                      | LLT-M19-20305F2961                                                                   | 3+5                  | LLT-M19-20305F2981                                                                | 3+5                  | LLT-M19-20305F2941                                                                  |                       |                      |                      |                      |                      |                      |                      |
| 芯数<br>Contacts Numbers                                   | 2                                                                                    | 3                    | 4                                                                                 | 5                    | 6                                                                                   | 7                     | 8                    | 9                    | 10                   | 12                   | 14                   | 18                   |
| 额定电压<br>Voltage Rating                                   | 600V                                                                                 | 600V                 | 600V                                                                              | 300V                 | 300V                                                                                | 100V                  | 100V                 | 100V                 | 100V                 | 100V                 | 100V                 | 100V                 |
| 额定电流<br>Current Rating                                   | 20A                                                                                  | 20A                  | 20A                                                                               | 15A                  | 15A                                                                                 | 5A                    | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   | 5A                   |
| 线材匹配<br>Wire Gauge                                       | <=2.5mm <sup>2</sup>                                                                 | <=2.5mm <sup>2</sup> | <=1.5mm <sup>2</sup>                                                              | <=1.5mm <sup>2</sup> | <=1.0mm <sup>2</sup>                                                                | <=0.75mm <sup>2</sup> | <=0.5mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.3mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> | <=0.2mm <sup>2</sup> |
| 面板厚度<br>Panel Thickness                                  | 1mm-3mm                                                                              |                      |                                                                                   |                      |                                                                                     |                       |                      |                      |                      |                      |                      |                      |
| 可插拔次数<br>Mechanical Life                                 | 3000 mating cycles                                                                   |                      |                                                                                   |                      |                                                                                     |                       |                      |                      |                      |                      |                      |                      |
| 工作温度<br>Operating Rating                                 | -40℃ - +105℃                                                                         |                      |                                                                                   |                      |                                                                                     |                       |                      |                      |                      |                      |                      |                      |
| 防水等级<br>Waterproof Level                                 | IP67                                                                                 |                      |                                                                                   |                      |                                                                                     |                       |                      |                      |                      |                      |                      |                      |
| 五金排列<br>Pin Layout                                       |  |                      |                                                                                   |                      |                                                                                     |                       |                      |                      |                      |                      |                      |                      |
| 备注: 与第60,61页连接器互配 (Matched with Connector in Page 60,61) |                                                                                      |                      |                                                                                   |                      |                                                                                     |                       |                      |                      |                      |                      |                      |                      |



## M19 Series Specifications

面板式母针---Panel Connector &amp; Female Pin

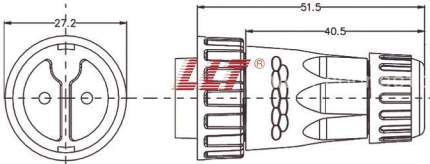
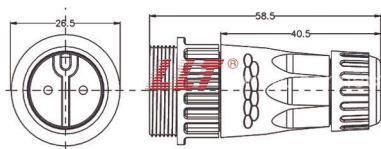
| 描述<br>Description                                      | 前装面板，螺纹，焊线<br>Front Panel Mount, Thread, Solder                                      |                    |          | 前装面板，快卡，焊线<br>Front Panel Mount, Bayonet, Solder                                   |                    |                    | 前装面板，自锁，焊线<br>Front Panel Mount, Push Lock, Solder                                  |          |                    |                    |          |          |
|--------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------|----------|------------------------------------------------------------------------------------|--------------------|--------------------|-------------------------------------------------------------------------------------|----------|--------------------|--------------------|----------|----------|
| 照片<br>Photo                                            |     |                    |          |   |                    |                    |  |          |                    |                    |          |          |
| 尺寸<br>Drawing                                          |     |                    |          |  |                    |                    |  |          |                    |                    |          |          |
| 料号<br>Part No.                                         | 芯数<br>Contacts                                                                       | 料号<br>Part No.     |          |                                                                                    | 芯数<br>Contacts     | 料号<br>Part No.     |                                                                                     |          | 芯数<br>Contacts     | 料号<br>Part No.     |          |          |
|                                                        | 2                                                                                    | LLT-M19-20002F2861 |          |                                                                                    | 2                  | LLT-M19-20002F2881 |                                                                                     |          | 2                  | LLT-M19-20002F2841 |          |          |
|                                                        | 3                                                                                    | LLT-M19-20003F2861 |          |                                                                                    | 3                  | LLT-M19-20003F2881 |                                                                                     |          | 3                  | LLT-M19-20003F2841 |          |          |
|                                                        | 4                                                                                    | LLT-M19-20004F2861 |          |                                                                                    | 4                  | LLT-M19-20004F2881 |                                                                                     |          | 4                  | LLT-M19-20004F2841 |          |          |
|                                                        | 5                                                                                    | LLT-M19-15005F2861 |          |                                                                                    | 5                  | LLT-M19-15005F2881 |                                                                                     |          | 5                  | LLT-M19-15005F2841 |          |          |
|                                                        | 6                                                                                    | LLT-M19-15006F2861 |          |                                                                                    | 6                  | LLT-M19-15006F2881 |                                                                                     |          | 6                  | LLT-M19-15006F2841 |          |          |
|                                                        | 7                                                                                    | LLT-M19-05007F2861 |          |                                                                                    | 7                  | LLT-M19-05007F2881 |                                                                                     |          | 7                  | LLT-M19-05007F2841 |          |          |
|                                                        | 8                                                                                    | LLT-M19-05008F2861 |          |                                                                                    | 8                  | LLT-M19-05008F2881 |                                                                                     |          | 8                  | LLT-M19-05008F2841 |          |          |
|                                                        | 9                                                                                    | LLT-M19-05009F2861 |          |                                                                                    | 9                  | LLT-M19-05009F2881 |                                                                                     |          | 9                  | LLT-M19-05009F2841 |          |          |
|                                                        | 10                                                                                   | LLT-M19-05010F2861 |          |                                                                                    | 10                 | LLT-M19-05010F2881 |                                                                                     |          | 10                 | LLT-M19-05010F2841 |          |          |
|                                                        | 12                                                                                   | LLT-M19-05012F2861 |          |                                                                                    | 12                 | LLT-M19-05012F2881 |                                                                                     |          | 12                 | LLT-M19-05012F2841 |          |          |
|                                                        | 14                                                                                   | LLT-M19-05014F2861 |          |                                                                                    | 14                 | LLT-M19-05014F2881 |                                                                                     |          | 14                 | LLT-M19-05014F2841 |          |          |
|                                                        | 18                                                                                   | LLT-M19-05018F2861 |          |                                                                                    | 18                 | LLT-M19-05018F2881 |                                                                                     |          | 18                 | LLT-M19-05018F2841 |          |          |
|                                                        | 2+4                                                                                  | LLT-M19-20204F2861 |          |                                                                                    | 2+4                | LLT-M19-20204F2881 |                                                                                     |          | 2+4                | LLT-M19-20204F2841 |          |          |
|                                                        | 2+5                                                                                  | LLT-M19-20205F2861 |          |                                                                                    | 2+5                | LLT-M19-20205F2881 |                                                                                     |          | 2+5                | LLT-M19-20205F2841 |          |          |
| 3+5                                                    | LLT-M19-20305F2861                                                                   |                    |          | 3+5                                                                                | LLT-M19-20305F2881 |                    |                                                                                     | 3+5      | LLT-M19-20305F2841 |                    |          |          |
| 芯数<br>Contacts Numbers                                 | 2                                                                                    | 3                  | 4        | 5                                                                                  | 6                  | 7                  | 8                                                                                   | 9        | 10                 | 12                 | 14       | 18       |
| 额定电压<br>Voltage Rating                                 | 600V                                                                                 | 600V               | 600V     | 300V                                                                               | 300V               | 100V               | 100V                                                                                | 100V     | 100V               | 100V               | 100V     | 100V     |
| 额定电流<br>Current Rating                                 | 20A                                                                                  | 20A                | 20A      | 15A                                                                                | 15A                | 5A                 | 5A                                                                                  | 5A       | 5A                 | 5A                 | 5A       | 5A       |
| 线材匹配<br>Wire Gauge                                     | <=2.5mm²                                                                             | <=2.5mm²           | <=1.5mm² | <=1.5mm²                                                                           | <=1.0mm²           | <=0.75mm²          | <=0.5mm²                                                                            | <=0.3mm² | <=0.3mm²           | <=0.2mm²           | <=0.2mm² | <=0.2mm² |
| 面板厚度<br>Panel Thickness                                | 1mm-3mm                                                                              |                    |          |                                                                                    |                    |                    |                                                                                     |          |                    |                    |          |          |
| 可插拔次数<br>Mechanical Life                               | 3000 mating cycles                                                                   |                    |          |                                                                                    |                    |                    |                                                                                     |          |                    |                    |          |          |
| 工作温度<br>Operating Rating                               | -40℃ - +105℃                                                                         |                    |          |                                                                                    |                    |                    |                                                                                     |          |                    |                    |          |          |
| 防水等级<br>Waterproof Level                               | IP67                                                                                 |                    |          |                                                                                    |                    |                    |                                                                                     |          |                    |                    |          |          |
| 五金排列<br>Pin Layout                                     |  |                    |          |                                                                                    |                    |                    |                                                                                     |          |                    |                    |          |          |
| 备注：与第60,61页连接器互配（Matched with Connector in Page 60,61） |                                                                                      |                    |          |                                                                                    |                    |                    |                                                                                     |          |                    |                    |          |          |

备注: 与第60,61页连接器互配 (Matched with Connector in Page 60,61)

M22 Series Specifications

公接头母针--Male Connector & Female Pin

母接头公针--Female Connector & Male Pin

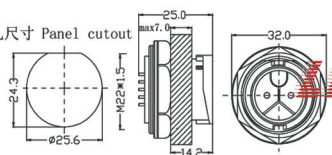
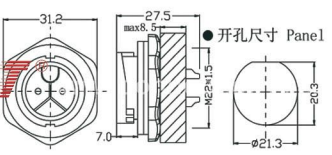
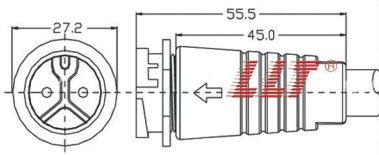
| 描述<br>Description |                | 组装式，螺纹，焊线/螺丝压线<br>Field Assembly, Thread, Solder/Screw                            |                | 组装式，螺纹，焊线/螺丝压线<br>Field Assembly, Thread, Solder/Screw                              |                |
|-------------------|----------------|-----------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|----------------|
| 照片<br>Photo       |                |  |                |   |                |
| 尺寸<br>Drawing     |                |  |                |  |                |
| 料号<br>Part No.    | 芯数<br>Contacts | 料号<br>Part No.                                                                    | 芯数<br>Contacts | 料号<br>Part No.                                                                      | 芯数<br>Contacts |
|                   | 2              | LLT-M22-25002F1051                                                                | 2              | LLT-M22-25002M1061                                                                  | 2              |
|                   | 3              | LLT-M22-25003F1051                                                                | 3              | LLT-M22-25003M1061                                                                  | 3              |
|                   | 4              | LLT-M22-25004F1051                                                                | 4              | LLT-M22-25004M1061                                                                  | 4              |
|                   | 5              | LLT-M22-05005F1051                                                                | 5              | LLT-M22-05005M1061                                                                  | 5              |
|                   | 6              | LLT-M22-05006F1051                                                                | 6              | LLT-M22-05006M1061                                                                  | 6              |
|                   | 7              | LLT-M22-05007F1051                                                                | 7              | LLT-M22-05007M1061                                                                  | 7              |
|                   | 8              | LLT-M22-05008F1051                                                                | 8              | LLT-M22-05008M1061                                                                  | 8              |
|                   | 9              | LLT-M22-05009F1051                                                                | 9              | LLT-M22-05009M1061                                                                  | 9              |
|                   | 10             | LLT-M22-05010F1051                                                                | 10             | LLT-M22-05010M1061                                                                  | 10             |
|                   | 12             | LLT-M22-05012F1051                                                                | 12             | LLT-M22-05012M1061                                                                  | 12             |
|                   | 15             | LLT-M22-05015F1051                                                                | 15             | LLT-M22-05015M1061                                                                  | 15             |
|                   | 18             | LLT-M22-05018F1051                                                                | 18             | LLT-M22-05018M1061                                                                  | 18             |

| 芯数<br>Contacts Numbers                                | 2                                                                                   | 3                                                                                   | 4                                                                                   | 5                                                                                   | 6                                                                                   | 7                                                                                   | 8                                                                                   | 9                                                                                   | 10                                                                                  | 12                                                                                    | 15                                                                                    | 18                                                                                    |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 额定电压<br>Voltage Rating                                | 250V                                                                                | 250V                                                                                | 250V                                                                                | 100V                                                                                | 100V                                                                                | 100V                                                                                | 100V                                                                                | 100V                                                                                | 100V                                                                                | 100V                                                                                  | 100V                                                                                  | 100V                                                                                  |                                                                                       |                                                                                       |                                                                                       |
| 额定电流<br>Current Rating                                | 25A                                                                                 | 25A                                                                                 | 25A                                                                                 | 5A                                                                                  | 5A                                                                                  | 5A                                                                                  | 5A                                                                                  | 5A                                                                                  | 5A                                                                                  | 5A                                                                                    | 5A                                                                                    | 5A                                                                                    |                                                                                       |                                                                                       |                                                                                       |
| 线材匹配<br>Wire Gague                                    | ≤<br>2. 5mm2                                                                        | ≤<br>2. 5mm2                                                                        | ≤<br>1. 5mm2                                                                        | ≤<br>1. 0mm2                                                                        | ≤<br>0. 75mm2                                                                       | ≤<br>0. 50mm2                                                                       | ≤<br>0. 5mm2                                                                        | ≤<br>0. 3mm2                                                                        | ≤<br>0. 3mm2                                                                        | ≤<br>0. 2mm2                                                                          | ≤<br>0. 2mm2                                                                          | ≤<br>0. 2mm2                                                                          |                                                                                       |                                                                                       |                                                                                       |
| 线材外径<br>Cable OD                                      | 3.5mm-10mm                                                                          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 可插拔次数<br>Mechanical Life                              | 3000 mating cycles                                                                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 工作温度<br>Operating Rating                              | -40℃ - +105℃                                                                        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 防水等级<br>Waterproof Level                              | IP67                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 五金排列<br>Pin Layout                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 备注：与第65.66页连接器互配（Matched with Connector in Page65.66） |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |



## M22 Series Specifications

面板式公针--Panel Connector &amp; Male Pin

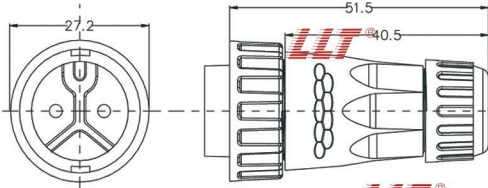
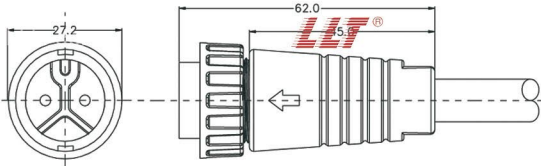
| 描述<br>Description | 前装面板, 快卡, 焊线 / 螺丝压线<br>Front Panel Mount, Quick Lock,<br>Solder/Screw             | 后装面板, 快卡, 焊线 / 螺丝压线<br>Rear Panel Mount, Quick Lock,<br>Solder/Screw               | 注塑式, 快卡, 焊线<br>Molded with Cable, Quick Lock,<br>Solder                             |
|-------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 照片<br>Photo       |  |  |  |
| 尺寸<br>Drawing     |  |  |  |

| 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     |
|----------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|
|                | 2              | LLT-M22-25002M2881 | 2              | LLT-M22-25002M2981 | 2              | LLT-M22-25002M3084 |
|                | 3              | LLT-M22-25003M2881 | 3              | LLT-M22-25003M2981 | 3              | LLT-M22-25003M3084 |
|                | 4              | LLT-M22-25004M2881 | 4              | LLT-M22-25004M2981 | 4              | LLT-M22-25004M3084 |
|                | 5              | LLT-M22-05005M2881 | 5              | LLT-M22-05005M2981 | 5              | LLT-M22-05005M3084 |
|                | 6              | LLT-M22-05006M2881 | 6              | LLT-M22-05006M2981 | 6              | LLT-M22-05006M3084 |
|                | 7              | LLT-M22-05007M2881 | 7              | LLT-M22-05007M2981 | 7              | LLT-M22-05007M3084 |
|                | 8              | LLT-M22-05008M2881 | 8              | LLT-M22-05008M2981 | 8              | LLT-M22-05008M3084 |
|                | 9              | LLT-M22-05009M2881 | 9              | LLT-M22-05009M2981 | 9              | LLT-M22-05009M3084 |
|                | 10             | LLT-M22-05010M2881 | 10             | LLT-M22-05010M2981 | 10             | LLT-M22-05010M3084 |
|                | 12             | LLT-M22-05012M2881 | 12             | LLT-M22-05012M2981 | 12             | LLT-M22-05012M3084 |
|                | 15             | LLT-M22-05015M2881 | 15             | LLT-M22-05015M2981 | 15             | LLT-M22-05015M3084 |
|                | 18             | LLT-M22-05018M2881 | 18             | LLT-M22-05018M2981 | 18             | LLT-M22-05018M3084 |

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |              |              |               |               |              |              |              |              |              |              |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 芯数<br>Contacts Numbers                          | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3            | 4            | 5            | 6             | 7             | 8            | 9            | 10           | 12           | 15           | 18           |
| 额定电压<br>Voltage Rating                          | 250V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 250V         | 250V         | 100V         | 100V          | 100V          | 100V         | 100V         | 100V         | 100V         | 100V         | 100V         |
| 额定电流<br>Current Rating                          | 25A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 25A          | 25A          | 5A           | 5A            | 5A            | 5A           | 5A           | 5A           | 5A           | 5A           | 5A           |
| 线材匹配<br>Wire Gague                              | ≤<br>2. 5mm2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ≤<br>2. 5mm2 | ≤<br>1. 5mm2 | ≤<br>1. 0mm2 | ≤<br>0. 75mm2 | ≤<br>0. 50mm2 | ≤<br>0. 5mm2 | ≤<br>0. 3mm2 | ≤<br>0. 3mm2 | ≤<br>0. 2mm2 | ≤<br>0. 2mm2 | ≤<br>0. 2mm2 |
| 面板厚度<br>Panel Thickness                         | 3.5mm-10mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |              |              |               |               |              |              |              |              |              |              |
| 可插拔次数<br>Mechanical Life                        | 3000 mating cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |              |              |               |               |              |              |              |              |              |              |
| 工作温度<br>Operating Rating                        | -40℃ - +105℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |              |              |               |               |              |              |              |              |              |              |
| 防水等级<br>Waterproof Level                        | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |              |              |               |               |              |              | IP65         |              |              |              |
| 五金排列<br>Pin Layout                              | <div><div><br/>2P</div><div><br/>3P</div><div><br/>4P</div><div><br/>5P</div><div><br/>6P</div><div><br/>7P</div><div><br/>8P</div><div><br/>9P</div><div><br/>10P</div><div><br/>12P</div><div><br/>15P</div><div><br/>18P</div><div><br/>24P</div><div><br/>3+8P</div><div><br/>3+9P</div></div> |              |              |              |               |               |              |              |              |              |              |              |
| 备注：与第66页连接器互配（Matched with Connector in Page66） |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |              |              |               |               |              |              |              |              |              |              |

# M22 Series Specifications

公接头母针--Male Connector & Female Pin

|                   |                                                                                   |                                                                                     |
|-------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 描述<br>Description | 组装式，快卡，焊线/螺丝压线<br>Field Assembly, Bayonet Lock, Solder/Screw                      | 注塑式，快卡，焊线<br>Molded with Cable, Bayonet Lock, Solder/Screw                          |
| 照片<br>Photo       |  |  |
| 尺寸<br>Drawing     |  |   |

| 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     |
|----------------|----------------|--------------------|----------------|--------------------|
|                | 2              | LLT-M22-25002F1052 | 2              | LLT-M22-25002F3074 |
|                | 3              | LLT-M22-25003F1052 | 3              | LLT-M22-25003F3074 |
|                | 4              | LLT-M22-25004F1052 | 4              | LLT-M22-25004F3074 |
|                | 5              | LLT-M22-05005F1051 | 5              | LLT-M22-05005F3074 |
|                | 6              | LLT-M22-05006F1051 | 6              | LLT-M22-05006F3074 |
|                | 7              | LLT-M22-05007F1051 | 7              | LLT-M22-05007F3074 |
|                | 8              | LLT-M22-05008F1051 | 8              | LLT-M22-05008F3074 |
|                | 9              | LLT-M22-05009F1051 | 9              | LLT-M22-05009F3074 |
|                | 10             | LLT-M22-05010F1051 | 10             | LLT-M22-05010F3074 |
|                | 12             | LLT-M22-05012F1051 | 12             | LLT-M22-05012F3074 |
|                | 15             | LLT-M22-05015F1051 | 15             | LLT-M22-05015F3074 |
|                | 18             | LLT-M22-05018F1051 | 18             | LLT-M22-05018F3074 |

| 芯数<br>Contacts Numbers                                  | 2                                                                                   | 3                                                                                   | 4                                                                                   | 5                                                                                   | 6                                                                                   | 7                                                                                   | 8                                                                                   | 9                                                                                   | 10                                                                                  | 12                                                                                   | 15                                                                                    | 18                                                                                    |                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 额定电压<br>Voltage Rating                                  | 250V                                                                                | 250V                                                                                | 250V                                                                                | 100V                                                                                | 100V                                                                                | 100V                                                                                | 100V                                                                                | 100V                                                                                | 100V                                                                                | 100V                                                                                 | 100V                                                                                  | 100V                                                                                  |                                                                                       |                                                                                       |                                                                                       |
| 额定电流<br>Current Rating                                  | 25A                                                                                 | 25A                                                                                 | 25A                                                                                 | 5A                                                                                  | 5A                                                                                  | 5A                                                                                  | 5A                                                                                  | 5A                                                                                  | 5A                                                                                  | 5A                                                                                   | 5A                                                                                    | 5A                                                                                    |                                                                                       |                                                                                       |                                                                                       |
| 线材匹配<br>Wire Gague                                      | ≤<br>2. 5mm2                                                                        | ≤<br>2. 5mm2                                                                        | ≤<br>1. 5mm2                                                                        | ≤<br>1. 0mm2                                                                        | ≤<br>0. 75mm2                                                                       | ≤<br>0. 50mm2                                                                       | ≤<br>0. 5mm2                                                                        | ≤<br>0. 3mm2                                                                        | ≤<br>0. 3mm2                                                                        | ≤<br>0. 2mm2                                                                         | ≤<br>0. 2mm2                                                                          | ≤<br>0. 2mm2                                                                          |                                                                                       |                                                                                       |                                                                                       |
| 线材外径<br>Cable OD                                        | 3.5mm-10mm                                                                          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 3.5mm-12mm                                                                          |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 可插拔次数<br>Mechanical Life                                | 3000 mating cycles                                                                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 工作温度<br>Operating Rating                                | -40℃ - +105℃                                                                        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 防水等级<br>Waterproof Level                                | IP67                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | IP65                                                                                |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 五金排列<br>Pin Layout                                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 备注：与第64.65页连接器互配（ Matched with Connector in Page64.65 ） |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |



面板式母针---Panel Connector & Female Pin

|                |                |                    |                |                    |                |                    |
|----------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|
| 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     |
|                | 2              | LLT-M22-25002F2881 | 2              | LLT-M22-25002F2981 | 2              | LLT-M22-25002F3074 |
|                | 3              | LLT-M22-25003F2881 | 3              | LLT-M22-25003F2981 | 3              | LLT-M22-25003F3074 |
|                | 4              | LLT-M22-25004F2881 | 4              | LLT-M22-25004F2981 | 4              | LLT-M22-25004F3074 |
|                | 5              | LLT-M22-05005F2881 | 5              | LLT-M22-05005F2981 | 5              | LLT-M22-05005F3074 |
|                | 6              | LLT-M22-05006F2881 | 6              | LLT-M22-05006F2981 | 6              | LLT-M22-05006F3074 |
|                | 7              | LLT-M22-05007F2881 | 7              | LLT-M22-05007F2981 | 7              | LLT-M22-05007F3074 |
|                | 8              | LLT-M22-05008F2881 | 8              | LLT-M22-05008F2981 | 8              | LLT-M22-05008F3074 |
|                | 9              | LLT-M22-05009F2881 | 9              | LLT-M22-05009F2981 | 9              | LLT-M22-05009F3074 |
|                | 10             | LLT-M22-05010F2881 | 10             | LLT-M22-05010F2981 | 10             | LLT-M22-05010F3074 |
|                | 12             | LLT-M22-05012F2881 | 12             | LLT-M22-05012F2981 | 12             | LLT-M22-05012F3074 |
|                | 15             | LLT-M22-05015F2881 | 15             | LLT-M22-05015F2981 | 15             | LLT-M22-05015F3074 |
|                | 18             | LLT-M22-05018F2881 | 18             | LLT-M22-05018F2981 | 18             | LLT-M22-05018F3074 |

备注：与第68页连接器互配（Matched with Connector in Page68）

M22 Series Specifications

公接头公针--Male Connector & Male Pin

|                   |                                                              |                                                      |
|-------------------|--------------------------------------------------------------|------------------------------------------------------|
| 描述<br>Description | 组装式，快卡，焊线/螺丝压线<br>Field Assembly, Bayonet Lock, Solder/Screw | 注塑式，快卡，焊线<br>Molded with Cable, Bayonet Lock, Solder |
| 照片<br>Photo       |                                                              |                                                      |
| 尺寸<br>Drawing     |                                                              |                                                      |

|                |                |                    |                |                    |
|----------------|----------------|--------------------|----------------|--------------------|
| 料号<br>Part No. | 芯数<br>Contacts | 料号<br>Part No.     | 芯数<br>Contacts | 料号<br>Part No.     |
|                | 2              | LLT-M22-25002M1051 | 2              | LLT-M22-25002M3054 |
|                | 3              | LLT-M22-25003M1051 | 3              | LLT-M22-25003M3054 |
|                | 4              | LLT-M22-25004M1051 | 4              | LLT-M22-25004M3054 |
|                | 5              | LLT-M22-05005M1051 | 5              | LLT-M22-05005M3054 |
|                | 6              | LLT-M22-05006M1051 | 6              | LLT-M22-05006M3054 |
|                | 7              | LLT-M22-05007M1051 | 7              | LLT-M22-05007M3054 |
|                | 8              | LLT-M22-05008M1051 | 8              | LLT-M22-05008M3054 |
|                | 9              | LLT-M22-05009M1051 | 9              | LLT-M22-05009M3054 |
|                | 10             | LLT-M22-05010M1051 | 10             | LLT-M22-05010M3054 |
|                | 12             | LLT-M22-05012M1051 | 12             | LLT-M22-05012M3054 |
|                | 15             | LLT-M22-05015M1051 | 15             | LLT-M22-05015M3054 |
|                | 18             | LLT-M22-05018M1051 | 18             | LLT-M22-05018M3054 |

| 芯数<br>Contacts Numbers                          | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3            | 4            | 5            | 6             | 7             | 8            | 9            | 10           | 12           | 15           | 18           |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 额定电压<br>Voltage Rating                          | 250V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 250V         | 250V         | 100V         | 100V          | 100V          | 100V         | 100V         | 100V         | 100V         | 100V         | 100V         |
| 额定电流<br>Current Rating                          | 25A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 25A          | 25A          | 5A           | 5A            | 5A            | 5A           | 5A           | 5A           | 5A           | 5A           | 5A           |
| 线材匹配<br>Wire Gague                              | ≤<br>2. 5mm2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ≤<br>2. 5mm2 | ≤<br>1. 5mm2 | ≤<br>1. 0mm2 | ≤<br>0. 75mm2 | ≤<br>0. 50mm2 | ≤<br>0. 5mm2 | ≤<br>0. 3mm2 | ≤<br>0. 3mm2 | ≤<br>0. 2mm2 | ≤<br>0. 2mm2 | ≤<br>0. 2mm2 |
| 线材外径<br>Cable OD                                | 3.5mm-10mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |              |              |               |               | 3.5mm-12mm   |              |              |              |              |              |
| 可插拔次数<br>Mechanical Life                        | 3000 mating cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |              |              |               |               |              |              |              |              |              |              |
| 工作温度<br>Operating Rating                        | -40℃ - +105℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |              |              |               |               |              |              |              |              |              |              |
| 防水等级<br>Waterproof Level                        | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |              |              |               |               | IP65         |              |              |              |              |              |
| 五金排列<br>Pin Layout                              | <div><div><br/>2P</div><div><br/>3P</div><div><br/>4P</div><div><br/>5P</div><div><br/>6P</div><div><br/>7P</div><div><br/>8P</div><div><br/>9P</div><div><br/>10P</div><div><br/>12P</div><div><br/>15P</div><div><br/>18P</div><div><br/>24P</div><div><br/>3+8P</div><div><br/>3+9P</div></div> |              |              |              |               |               |              |              |              |              |              |              |
| 备注：与第67页连接器互配（Matched with Connector in Page67） |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |              |              |               |               |              |              |              |              |              |              |