

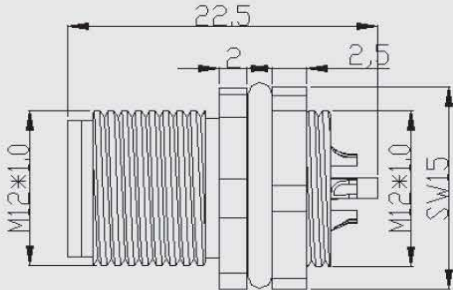
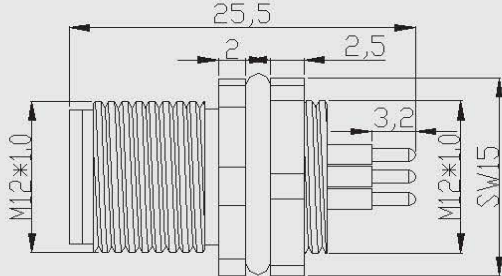


M12 产品 -A code、B code、D code

|                     |                                       |                         |                                       |                |                         |                     |
|---------------------|---------------------------------------|-------------------------|---------------------------------------|----------------|-------------------------|---------------------|
| 描述<br>Description   | 法兰座，孔，浸焊<br>Female socket. din solder |                         | 法兰座，孔，浸焊<br>Female socket. din solder |                |                         |                     |
| 图例<br>Figure        |                                       |                         |                                       |                |                         |                     |
| 尺寸图<br>Drawing      |                                       |                         |                                       |                |                         |                     |
| 订货号<br>Ordering-No. | 针数<br>Cantacts                        | 电缆规格(mm²)<br>Cabel(mm²) | 订货号<br>Ordering-No.                   | 针数<br>Cantacts | 电缆规格(mm²)<br>Cabel(mm²) | 订货号<br>Ordering-No. |
|                     | 3                                     | GP9                     | M12-Z03A11                            | 3              | GP9                     | M12-Z03A12          |
|                     |                                       | M16X1.5                 | M12-Z03A37                            |                | M16X1.5                 | M12-Z03A36          |
|                     | 4                                     | GP9                     | M12-Z04A11                            | 4              | GP9                     | M12-Z04A12          |
|                     |                                       | M16X1.5                 | M12-Z04A37                            |                | M16X1.5                 | M12-Z04A36          |
|                     | 5                                     | GP9                     | M12-Z05A11                            | 5              | GP9                     | M12-Z05A12          |
|                     |                                       | M16X1.5                 | M12-Z05A37                            |                | M16X1.5                 | M12-Z05A36          |
|                     | 8                                     | GP9                     | M12-Z08A11                            | 8              | GP9                     | M12-Z08A12          |
|                     |                                       | M16X1.5                 | M12-Z08A37                            |                | M16X1.5                 | M12-Z08A36          |

|                        |                                  |       |       |      |                          |
|------------------------|----------------------------------|-------|-------|------|--------------------------|
| 技术参数<br>Specifications |                                  |       |       |      |                          |
| 针数                     | 3                                | 4     | 5     | 8    | Number of contacts       |
| 锁紧方式                   | 螺纹式/screw                        |       |       |      | Connector locking system |
| 接线方式                   | 已装配连接线/assembled with sing wires |       |       |      | Termination              |
| 连接截面                   | 0.14mm² ( AWG26). 0.25mm²(AWG24) |       |       |      | Wire gouge               |
| 电缆直径                   | —                                |       |       |      | Cable outlet             |
| 防护等级                   | IP67                             |       |       |      | Degree of protection     |
| 机械寿命                   | > 100插拔周期/mating cycles          |       |       |      | Mechanical operation     |
| 最高工作温度                 | ~+80° C                          |       |       |      | Upper temperature        |
| 最低工作温度                 | ~-25° C                          |       |       |      | Lower temperature        |
| 额定电压                   | 250V                             | 250V  | 60V   | 30V  | Rated voltage            |
| 额定冲击电压                 | 2500V                            | 2500V | 1600V | 800V | Rated impulse voltage    |
| 污染等级                   | 3                                |       |       |      | Pollution degree         |
| 过电保护等级                 | II                               |       |       |      | Overvoltage categorie    |
| 绝缘组别                   | II                               |       |       |      | Material group           |
| 额定电流(40°c)             | 4A                               | 4A    | 4A    | 2A   | Rated current (40° C )   |
| 触点电阻                   | ≤3mΩ                             |       |       |      | Contact resistance       |
| 触点材料                   | CuZn ( 黄铜/brass)                 |       |       |      | Material ot contact      |
| 触点电镀材料                 | Au(金/gold)                       |       |       |      | Contact plating          |
| 插座材料                   | PA                               |       |       |      | Material of contact body |
| 外壳材料                   | CuZn ( 黄铜镀镍/brass nickel plated) |       |       |      | Material of housing      |

M12 产品 -A code、B code、D code

|                     |   |                         |   |                |                         |                     |
|---------------------|---|-------------------------|---|----------------|-------------------------|---------------------|
| 描述<br>Description   | 法兰座，针，浸焊<br>Male socket. solder   |                         | 法兰座，针，浸焊<br>Male socket. solder   |                |                         |                     |
| 图例<br>Figure        |  |                         |  |                |                         |                     |
| 尺寸图<br>Drawing      |  |                         |  |                |                         |                     |
| 订货号<br>Ordering-No. | 针数<br>Cantacts  | 电缆规格(mm²)<br>Cabel(mm²) | 订货号<br>Ordering-No.   | 针数<br>Cantacts | 电缆规格(mm²)<br>Cabel(mm²) | 订货号<br>Ordering-No. |
|                     | 3   | M12X1                   | M12-Z03A04  | 3              | M12X1                   | M12-Z03A14          |
|                     | 4   | M12X1                   | M12-Z04A04  | 4              | M12X1                   | M12-Z04A14          |
|                     | 5   | M12X1                   | M12-Z05A04  | 5              | M12X1                   | M12-Z05A14          |
|                     | 8   | M12X1                   | M12-Z08A04  | 8              | M12X1                   | M12-Z08A14          |

|                        |                                  |       |       |      |                          |
|------------------------|----------------------------------|-------|-------|------|--------------------------|
| 技术参数<br>Specifications |                                  |       |       |      |                          |
| 针数                     | 3                                | 4     | 5     | 8    | Number of contacts       |
| 锁紧方式                   | 螺纹式/screw                        |       |       |      | Connector locking system |
| 接线方式                   | 已装配连接线/assembled with sing wires |       |       |      | Termination              |
| 连接截面                   | 0.14mm² ( AWG26). 0.25mm²(AWG24) |       |       |      | Wire gouge               |
| 电缆直径                   | —                                |       |       |      | Cable outlet             |
| 防护等级                   | IP67                             |       |       |      | Degree of protection     |
| 机械寿命                   | > 100插拔周期/mating cycles          |       |       |      | Mechanical operation     |
| 最高工作温度                 | ~+80° C                          |       |       |      | Upper temperature        |
| 最低工作温度                 | ~-25° C                          |       |       |      | Lower temperature        |
| 额定电压                   | 250V                             | 250V  | 60V   | 30V  | Rated voltage            |
| 额定冲击电压                 | 2500V                            | 2500V | 1600V | 800V | Rated impulse voltage    |
| 污染等级                   | 3                                |       |       |      | Pollution degree         |
| 过电保护等级                 | II                               |       |       |      | Overvoltage categorie    |
| 绝缘组别                   | II                               |       |       |      | Material group           |
| 额定电流(40°c)             | 4A                               | 4A    | 4A    | 2A   | Rated current (40° C )   |
| 触点电阻                   | ≤3mΩ                             |       |       |      | Contact resistance       |
| 触点材料                   | CuZn ( 黄铜/brass)                 |       |       |      | Material ot contact      |
| 触点电镀材料                 | Au(金/gold)                       |       |       |      | Contact plating          |
| 插座材料                   | PA                               |       |       |      | Material of contact body |
| 外壳材料                   | CuZn ( 黄铜镀镍/brass nickel plated) |       |       |      | Material of housing      |



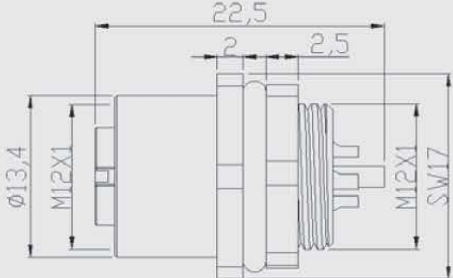
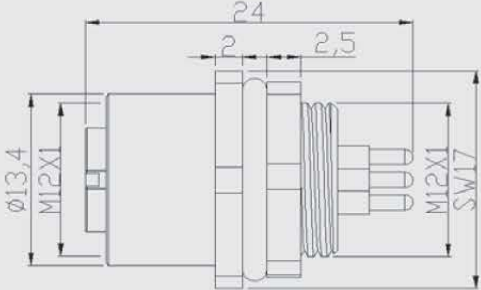


M12 产品 -A code、B code、D code

|                     |                                 |                         |                                 |                |                         |                     |
|---------------------|---------------------------------|-------------------------|---------------------------------|----------------|-------------------------|---------------------|
| 描述<br>Description   | 法兰座，针，浸焊<br>Male socket, solder |                         | 法兰座，针，浸焊<br>Male socket, solder |                |                         |                     |
| 图例<br>Figure        |                                 |                         |                                 |                |                         |                     |
| 尺寸图<br>Drawing      |                                 |                         |                                 |                |                         |                     |
| 订货号<br>Ordering-No. | 针数<br>Contacts                  | 电缆规格(mm²)<br>Cabel(mm²) | 订货号<br>Ordering-No.             | 针数<br>Contacts | 电缆规格(mm²)<br>Cabel(mm²) | 订货号<br>Ordering-No. |
|                     | 3                               | GP9                     | M12-Z03A18                      | 3              | GP9                     | M12-Z03A03          |
|                     |                                 | M16X1.5                 | M12-Z03A38                      |                | M16X1.5                 | M12-Z03A16          |
|                     | 4                               | GP9                     | M12-Z04A18                      | 4              | GP9                     | M12-Z04A03          |
|                     |                                 | M16X1.5                 | M12-Z04A38                      |                | M16X1.5                 | M12-Z04A16          |
|                     | 5                               | GP9                     | M12-Z05A18                      | 5              | GP9                     | M12-Z05A03          |
|                     |                                 | M16X1.5                 | M12-Z05A38                      |                | M16X1.5                 | M12-Z05A16          |
|                     | 8                               | GP9                     | M12-Z08A18                      | 8              | GP9                     | M12-Z08A03          |
|                     |                                 | M16X1.5                 | M12-Z08A38                      |                | M16X1.5                 | M12-Z08A16          |

|                        |                                  |       |       |      |                          |
|------------------------|----------------------------------|-------|-------|------|--------------------------|
| 技术参数<br>Specifications |                                  |       |       |      |                          |
| 针数                     | 3                                | 4     | 5     | 8    | Number of contacts       |
| 锁紧方式                   | 螺纹式/screw                        |       |       |      | Connector locking system |
| 接线方式                   | 已装配连接线/assembled with sing wires |       |       |      | Termination              |
| 连接截面                   | 0.14mm² ( AWG26), 0.25mm²(AWG24) |       |       |      | Wire gouge               |
| 电缆直径                   | —                                |       |       |      | Cable outlet             |
| 防护等级                   | IP67                             |       |       |      | Degree of protection     |
| 机械寿命                   | > 100插拔周期/mating cycles          |       |       |      | Mechanical operation     |
| 最高工作温度                 | ~+80° C                          |       |       |      | Upper temperature        |
| 最低工作温度                 | ~-25° C                          |       |       |      | Lower temperature        |
| 额定电压                   | 250V                             | 250V  | 60V   | 30V  | Rated voltage            |
| 额定冲击电压                 | 2500V                            | 2500V | 1600V | 800V | Rated impulse voltage    |
| 污染等级                   | 3                                |       |       |      | Pollution degree         |
| 过电保护等级                 | II                               |       |       |      | Overvoltage categorie    |
| 绝缘组别                   | II                               |       |       |      | Material group           |
| 额定电流(40°c)             | 4A                               | 4A    | 4A    | 2A   | Rated current (40° C )   |
| 触点电阻                   | ≤3mΩ                             |       |       |      | Contact resistance       |
| 触点材料                   | CuZn ( 黄铜/brass)                 |       |       |      | Material of contact      |
| 触点电镀材料                 | Au(金/gold)                       |       |       |      | Contact plating          |
| 插座材料                   | PA                               |       |       |      | Material of contact body |
| 外壳材料                   | CuZn ( 黄铜镀镍/brass nickel plated) |       |       |      | Material of housing      |

M12 产品 -A code、B code、D code

|                     |   |                         |   |                |                         |                     |
|---------------------|---|-------------------------|---|----------------|-------------------------|---------------------|
| 描述<br>Description   | 法兰座，孔，浸焊<br>Female socket. din solder   |                         | 法兰座，孔，浸焊<br>Female socket. din solder   |                |                         |                     |
| 图例<br>Figure        |  |                         |  |                |                         |                     |
| 尺寸图<br>Drawing      |  |                         |  |                |                         |                     |
| 订货号<br>Ordering-No. | 针数<br>Contacts  | 电缆规格(mm²)<br>Cabel(mm²) | 订货号<br>Ordering-No.   | 针数<br>Contacts | 电缆规格(mm²)<br>Cabel(mm²) | 订货号<br>Ordering-No. |
|                     | 3   | M12X1                   | M12-Z03A34  | 3              | M12X1                   | M12-Z03A33          |
|                     | 4   | M12X1                   | M12-Z04A34  | 4              | M12X1                   | M12-Z04A33          |
|                     | 5   | M12X1                   | M12-Z05A34  | 5              | M12X1                   | M12-Z05A33          |
|                     | 8   | M12X1                   | M12-Z08A34  | 8              | M12X1                   | M12-Z08A33          |

|                        |                                  |       |       |      |                          |
|------------------------|----------------------------------|-------|-------|------|--------------------------|
| 技术参数<br>Specifications |                                  |       |       |      |                          |
| 针数                     | 3                                | 4     | 5     | 8    | Number of contacts       |
| 锁紧方式                   | 螺纹式/screw                        |       |       |      | Connector locking system |
| 接线方式                   | 已装配连接线/assembled with sing wires |       |       |      | Termination              |
| 连接截面                   | 0.14mm² ( AWG26), 0.25mm²(AWG24) |       |       |      | Wire gouge               |
| 电缆直径                   | —                                |       |       |      | Cable outlet             |
| 防护等级                   | IP67                             |       |       |      | Degree of protection     |
| 机械寿命                   | > 100插拔周期/mating cycles          |       |       |      | Mechanical operation     |
| 最高工作温度                 | ~+80° C                          |       |       |      | Upper temperature        |
| 最低工作温度                 | ~-25° C                          |       |       |      | Lower temperature        |
| 额定电压                   | 250V                             | 250V  | 60V   | 30V  | Rated voltage            |
| 额定冲击电压                 | 2500V                            | 2500V | 1600V | 800V | Rated impulse voltage    |
| 污染等级                   | 3                                |       |       |      | Pollution degree         |
| 过电保护等级                 | II                               |       |       |      | Overvoltage categorie    |
| 绝缘组别                   | II                               |       |       |      | Material group           |
| 额定电流(40°c)             | 4A                               | 4A    | 4A    | 2A   | Rated current (40° C )   |
| 触点电阻                   | ≤3mΩ                             |       |       |      | Contact resistance       |
| 触点材料                   | CuZn ( 黄铜/brass)                 |       |       |      | Material of contact      |
| 触点电镀材料                 | Au(金/gold)                       |       |       |      | Contact plating          |
| 插座材料                   | PA                               |       |       |      | Material of contact body |
| 外壳材料                   | CuZn ( 黄铜镀镍/brass nickel plated) |       |       |      | Material of housing      |



M12 产品 -A code、B code、D code

|                     |                                       |                         |                                       |                |                         |                     |
|---------------------|---------------------------------------|-------------------------|---------------------------------------|----------------|-------------------------|---------------------|
| 描述<br>Description   | 法兰座，孔，浸焊<br>Female socket, din solder |                         | 法兰座，孔，浸焊<br>Female socket, din solder |                |                         |                     |
| 图例<br>Figure        |                                       |                         |                                       |                |                         |                     |
| 尺寸图<br>Drawing      |                                       |                         |                                       |                |                         |                     |
| 订货号<br>Ordering-No. | 针数<br>Contacts                        | 电缆规格(mm²)<br>Cabel(mm²) | 订货号<br>Ordering-No.                   | 针数<br>Contacts | 电缆规格(mm²)<br>Cabel(mm²) | 订货号<br>Ordering-No. |
|                     | 3                                     | GP9                     | M12-Z03A09                            | 3              | GP9                     | M12-Z03A02          |
|                     |                                       | M16X1.5                 | M12-Z03A35                            |                | M16X1.5                 | M12-Z03A32          |
|                     | 4                                     | GP9                     | M12-Z04A09                            | 4              | GP9                     | M12-Z04A02          |
|                     |                                       | M16X1.5                 | M12-Z04A35                            |                | M16X1.5                 | M12-Z04A32          |
|                     | 5                                     | GP9                     | M12-Z05A09                            | 5              | GP9                     | M12-Z05A02          |
|                     |                                       | M16X1.5                 | M12-Z05A35                            |                | M16X1.5                 | M12-Z05A32          |
|                     | 8                                     | GP9                     | M12-Z08A09                            | 8              | GP9                     | M12-Z08A02          |
|                     |                                       | M16X1.5                 | M12-Z08A35                            |                | M16X1.5                 | M12-Z08A32          |

|                        |                                  |       |       |      |                          |
|------------------------|----------------------------------|-------|-------|------|--------------------------|
| 技术参数<br>Specifications |                                  |       |       |      |                          |
| 针数                     | 3                                | 4     | 5     | 8    | Number of contacts       |
| 锁紧方式                   | 螺纹式/screw                        |       |       |      | Connector locking system |
| 接线方式                   | 已装配连接线/assembled with sing wires |       |       |      | Termination              |
| 连接截面                   | 0.14mm² ( AWG26). 0.25mm²(AWG24) |       |       |      | Wire gouge               |
| 电缆直径                   | —                                |       |       |      | Cable outlet             |
| 防护等级                   | IP67                             |       |       |      | Degree of protection     |
| 机械寿命                   | > 100插拔周期/mating cycles          |       |       |      | Mechanical operation     |
| 最高工作温度                 | ~+80° C                          |       |       |      | Upper temperature        |
| 最低工作温度                 | ~-25° C                          |       |       |      | Lower temperature        |
| 额定电压                   | 250V                             | 250V  | 60V   | 30V  | Rated voltage            |
| 额定冲击电压                 | 2500V                            | 2500V | 1600V | 800V | Rated impulse voltage    |
| 污染等级                   | 3                                |       |       |      | Pollution degree         |
| 过电保护等级                 | II                               |       |       |      | Overvoltage categorie    |
| 绝缘组别                   | II                               |       |       |      | Material group           |
| 额定电流(40°c)             | 4A                               | 4A    | 4A    | 2A   | Rated current (40° C )   |
| 触点电阻                   | ≤3mΩ                             |       |       |      | Contact resistance       |
| 触点材料                   | CuZn ( 黄铜/brass)                 |       |       |      | Material of contact      |
| 触点电镀材料                 | Au(金/gold)                       |       |       |      | Contact plating          |
| 插座材料                   | PA                               |       |       |      | Material of contact body |
| 外壳材料                   | CuZn ( 黄铜镀镍/brass nickel plated) |       |       |      | Material of housing      |

M12 产品 -X code

|                     |  |                       |   |                |                       |                     |
|---------------------|--|-----------------------|---|----------------|-----------------------|---------------------|
| 描述<br>Description   | 法兰座，孔，正面旋紧<br>Female panel mount connector,solder,front fastened |                       | 法兰座，孔，浸焊<br>Female panel mount connector,dip solder |                |                       |                     |
| 图例<br>Figure        |  |                       |   |                |                       |                     |
| 尺寸图<br>Drawing      |  |                       |   |                |                       |                     |
| 订货号<br>Ordering-No. | 针数<br>Cantacts   | 螺纹规格<br>Fixing thread | 订货号<br>Ordering-No.                                 | 针数<br>Cantacts | 螺纹规格<br>Fixing thread | 订货号<br>Ordering-No. |
|                     | 8  | M12X1.0               | M12-Z08X09  | 8              | M12X1.0               | M12-Z08X37          |

|                        |                                       |  |                          |
|------------------------|---------------------------------------|--|--------------------------|
| 技术参数<br>Specifications |                                       |  |                          |
| 针数                     | 8                                     |  | Number of contacts       |
| 锁定方式                   | 螺纹式/screw                             |  | Connector locking system |
| 接线方式                   | 已装配连接线/assembled with sing wires      |  | Termination              |
| 链接截面                   | 0.14mm² ( AWG26)                      |  | Wire gouge               |
| 电缆直径                   | —                                     |  | Cable outlet             |
| 防护等级                   | IP67                                  |  | Degree of protection     |
| 机械寿命                   | > 100插拔周期/mating cycles               |  | Mechanical operation     |
| 最高工作温度                 | ~+80° C                               |  | Upper temperature        |
| 最低工作温度                 | ~-25° C                               |  | Lower temperature        |
| 额定电压                   | DC 60V AC 50V                         |  | Rated voltage            |
| 污染等级                   | 2                                     |  | Pollution degree         |
| 过电保护等级                 | II                                    |  | Overvoltage categorie    |
| 电涌电压类别                 | III                                   |  | Surge voltage category   |
| 阻燃等级，符合UL94            | V0                                    |  | Flammability rating      |
| 绝缘电阻                   | ≥100MΩ                                |  | Material group           |
| 额定电流 ( 40° C )         | 0.5A                                  |  | Rated current(40° C)     |
| 触点电阻                   | ≤10mΩ                                 |  | Contact resistance       |
| 触点材料                   | CuZn ( 黄铜/brass)                      |  | Material of contact      |
| 触点电镀材料                 | Au(金/gold)                            |  | Contact plating          |
| 插座材料                   | PA                                    |  | Material of contact body |
| 外壳材料                   | 铸锌镀镍 ( zinc diecasting nickel plated) |  | Material of housing      |



M12 产品 -X code

|                     |  |                       |   |                |                       |                     |
|---------------------|--|-----------------------|---|----------------|-----------------------|---------------------|
| 描述<br>Description   | 法兰座，孔，正面旋紧<br>Female panel mount connector,solder,front fastened |                       | 法兰座，孔，浸焊<br>Female panel mount connector,dip solder |                |                       |                     |
| 图例<br>Figure        |  |                       |   |                |                       |                     |
| 尺寸图<br>Drawing      |  |                       |   |                |                       |                     |
| 订货号<br>Ordering-No. | 针数<br>Cantacts   | 螺纹规格<br>Fixing thread | 订货号<br>Ordering-No.                                 | 针数<br>Cantacts | 螺纹规格<br>Fixing thread | 订货号<br>Ordering-No. |
|                     | 8  | M12X1.0               | M12-Z08X02  | 8              | M12X1.0               | M12-Z08X02A         |

| 技术参数<br>Specifications |                                     |                          |
|------------------------|-------------------------------------|--------------------------|
| 针数                     | 8                                   | Number of contacts       |
| 锁定方式                   | 螺纹式/screw                           | Connector locking system |
| 接线方式                   | 已装配连接线/assembled with sing wires    | Termination              |
| 连接截面                   | 0.14mm² (AWG26)                     | Wire gouge               |
| 电缆直径                   | —                                   | Cable outlet             |
| 防护等级                   | IP67                                | Degree of protection     |
| 机械寿命                   | > 100插拔周期/mating cycles             | Mechanical operation     |
| 最高工作温度                 | ~+80° C                             | Upper temperature        |
| 最低工作温度                 | ~-25° C                             | Lower temperature        |
| 额定电压                   | DC 60V AC 50V                       | Rated voltage            |
| 污染等级                   | 2                                   | Pollution degree         |
| 过电保护等级                 | II                                  | Overvoltage categorie    |
| 电涌电压类别                 | III                                 | Surge voltage category   |
| 阻燃等级，符合UL94            | V0                                  | Flammability rating      |
| 绝缘电阻                   | ≥100MΩ                              | Material group           |
| 额定电流 (40° C)           | 0.5A                                | Rated current(40°C)      |
| 触点电阻                   | ≤10mΩ                               | Contact resistance       |
| 触点材料                   | CuZn (黄铜/brass)                     | Material of contact      |
| 触点电镀材料                 | Au(金/gold)                          | Contact plating          |
| 插座材料                   | PA                                  | Material of contact body |
| 外壳材料                   | 镀锌镍 (zinc diecasting nickel plated) | Material of housing      |



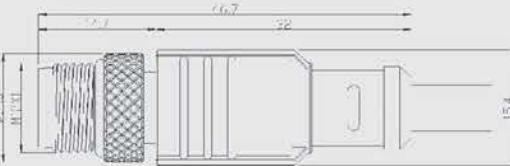
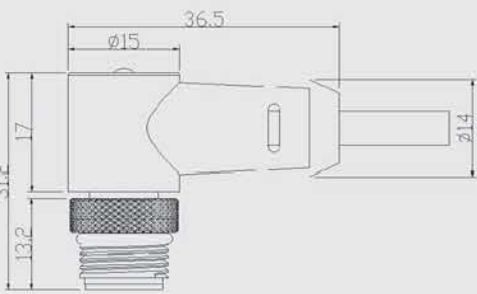
M12 产品

|                     |   |                     |   |                     |
|---------------------|---|---------------------|---|---------------------|
| 描述<br>Description   | PCB装配插头，孔，弯头<br>Female receptacle for pcb assembly,angled |                     | PCB装配插头，针，弯头<br>Male receptacle for pcb assembly,angled |                     |
| 图例<br>Figure        |   |                     |   |                     |
| 尺寸图<br>Drawing      |   |                     |   |                     |
| 订货号<br>Ordering-No. | 针数<br>Cantacts  | 订货号<br>Ordering-No. | 针数<br>Cantacts  | 订货号<br>Ordering-No. |
|                     | 3   | M12-WZ03A01         | 3   | M12-WZ03A02         |
|                     | 4   | M12-WZ04A01         | 4   | M12-WZ04A02         |
|                     | 5   | M12-WZ05A01         | 5   | M12-WZ05A02         |
|                     | 8   | M12-WZ08A01         | 8   | M12-WZ08A02         |

| 技术参数<br>Specifications |                                  |       |       |      |                          |
|------------------------|----------------------------------|-------|-------|------|--------------------------|
| 针数                     | 3                                | 4     | 5     | 8    | Number of contacts       |
| 锁定方式                   | 螺纹式/screw                        |       |       |      | Connector locking system |
| 接线方式                   | 已装配连接线/assembled with sing wires |       |       |      | Termination              |
| 连接截面                   | 0.14mm² ( AWG26). 0.25mm²(AWG24) |       |       |      | Wire gouge               |
| 电缆直径                   | —                                |       |       |      | Cable outlet             |
| 防护等级                   | IP67                             |       |       |      | Degree of protection     |
| 机械寿命                   | > 100插拔周期/mating cycles          |       |       |      | Mechanical operation     |
| 最高工作温度                 | ~+80° C                          |       |       |      | Upper temperature        |
| 最低工作温度                 | ~-25° C                          |       |       |      | Lower temperature        |
| 额定电压                   | 250V                             | 250V  | 60V   | 30V  | Rated voltage            |
| 额定冲击电压                 | 2500V                            | 2500V | 1600V | 800V | Rated impulse voltage    |
| 污染等级                   | 3                                |       |       |      | Pollution degree         |
| 过电保护等级                 | II                               |       |       |      | Overvoltage categorie    |
| 绝缘组别                   | II                               |       |       |      | Material group           |
| 额定电流(40°c)             | 4A                               | 4A    | 4A    | 2A   | Rated current (40°C )    |
| 触点电阻                   | ≤3mΩ                             |       |       |      | Contact resistance       |
| 触点材料                   | CuZn ( 黄铜/brass)                 |       |       |      | Material of contact      |
| 触点电镀材料                 | Au(金/gold)                       |       |       |      | Contact plating          |
| 插座材料                   | PA                               |       |       |      | Material of contact body |
| 外壳材料                   | CuZn ( 黄铜镀镍/brass nickel plated) |       |       |      | Material of housing      |




## M12 产品-A code、B code、D code

|                     |   |                         |                     |  |                         |                     |
|---------------------|---|-------------------------|---------------------|--|-------------------------|---------------------|
| 描述<br>Description   | 浇铸电缆连接器, 针, 螺纹系列, M12*1<br>Male cable connector moulded.screw version,M12*1       |                         |                     | 浇铸电缆连接器, 针, 螺纹系列, M12*1<br>Male cable connector moulded.screw version,M12*1        |                         |                     |
| 图例<br>Figure        |  |                         |                     |  |                         |                     |
| 尺寸图<br>Drawing      |  |                         |                     |  |                         |                     |
| 订货号<br>Ordering-No. | 针数<br>Contacts  | 电缆规格(mm²)<br>Cabel(mm²) | 订货号<br>Ordering-No. | 针数<br>Contacts   | 电缆规格(mm²)<br>Cabel(mm²) | 订货号<br>Ordering-No. |
|                     | 3   | PVC<br>PUR 0.34         | L12-LT03A01-XX-*    | 3  | PVC<br>PUR 0.34         | W12-LT03A01-XX-*    |
|                     | 4   | PVC<br>PUR 0.34         | L12-LT04A01-XX-*    | 4  | PVC<br>PUR 0.34         | W12-LT04A01-XX-*    |
|                     | 5   | PVC<br>PUR 0.25         | L12-LT05A01-XX-*    | 5  | PVC<br>PUR 0.25         | W12-LT05A01-XX-*    |
|                     | 8   | PVC<br>PUR 0.25         | L12-LT08A01-XX-*    | 8  | PVC<br>PUR 0.25         | W12-LT08A01-XX-*    |
|                     | 12  | PVC<br>PUR 0.25         | L12-LT12A01-XX-*    | 12   | PVC<br>PUR 0.25         | W12-LT12A01-XX-*    |

|                        |                                  |       |       |      |      |                          |   |   |   |   |    |                          |
|------------------------|----------------------------------|-------|-------|------|------|--------------------------|---|---|---|---|----|--------------------------|
| 技术参数<br>Specifications |                                  |       |       |      |      | 针数<br>Contacts           | 3 | 4 | 5 | 8 | 12 | Number of contacts       |
| 锁紧方式                   | 螺纹式/screw                        |       |       |      |      | Connector locking system |   |   |   |   |    | Connector locking system |
| 接线方式                   | 已装配连接丝/assembled with sing wires |       |       |      |      | Termination              |   |   |   |   |    | Termination              |
| 连接截面                   | 0.14mm² ( AWG26), 0.25mm²(AWG24) |       |       |      |      | Wire gauge               |   |   |   |   |    | Wire gauge               |
| 电缆直径                   | —                                |       |       |      |      | Cable outlet             |   |   |   |   |    | Cable outlet             |
| 防护等级                   | IP67                             |       |       |      |      | Degree of protection     |   |   |   |   |    | Degree of protection     |
| 机械寿命                   | > 100插拔周期/mating cycles          |       |       |      |      | Mechanical operation     |   |   |   |   |    | Mechanical operation     |
| 最高工作温度                 | ~+80° C                          |       |       |      |      | Upper temperature        |   |   |   |   |    | Upper temperature        |
| 最低工作温度                 | ~-25° C                          |       |       |      |      | Lower temperature        |   |   |   |   |    | Lower temperature        |
| 额定电压                   | 250V                             | 250V  | 60V   | 30V  | 30V  | Rated voltage            |   |   |   |   |    | Rated voltage            |
| 额定冲击电压                 | 2500V                            | 2500V | 1600V | 800V | 500V | Rated impulse voltage    |   |   |   |   |    | Rated impulse voltage    |
| 污染等级                   | 3                                |       |       |      |      | Pollution degree         |   |   |   |   |    | Pollution degree         |
| 过电保护等级                 | II                               |       |       |      |      | Overvoltage categorie    |   |   |   |   |    | Overvoltage categorie    |
| 绝缘组别                   | II                               |       |       |      |      | Material group           |   |   |   |   |    | Material group           |
| 额定电流(40°C)             | 4A                               | 4A    | 4A    | 2A   | 1A   | Rated current (40°C)     |   |   |   |   |    | Rated current (40°C)     |
| 触点电阻                   | ≤3mΩ                             |       |       |      |      | Contact resistance       |   |   |   |   |    | Contact resistance       |
| 触点材料                   | CuZn (黄铜/brass)                  |       |       |      |      | Material of contact      |   |   |   |   |    | Material of contact      |
| 触点电镀材料                 | Au(金/gold)                       |       |       |      |      | Contact plating          |   |   |   |   |    | Contact plating          |
| 插座材料                   | PA                               |       |       |      |      | Material of contact body |   |   |   |   |    | Material of contact body |
| 外壳材料                   | CuZn (黄铜镀镍/brass nickel plated)  |       |       |      |      | Material of housing      |   |   |   |   |    | Material of housing      |

## M12 产品-A code、B code、D code

|                     |   |                            |                     |   |                            |                     |
|---------------------|---|----------------------------|---------------------|---|----------------------------|---------------------|
| 描述<br>Description   | 浇铸电缆连接器, 孔, 螺纹系列, M12*1<br>Female cable connector moulded.screw version,M12*1       |                            |                     | 浇铸电缆连接器, 孔, 螺纹系列, M12*1<br>Female cable connector moulded.screw version,M12*1       |                            |                     |
| 图例<br>Figure        |  |                            |                     |  |                            |                     |
| 尺寸图<br>Drawing      |  |                            |                     |  |                            |                     |
| 订货号<br>Ordering-No. | 针数<br>Contacts  | 电缆规格(mm²)<br>Cabel(mm²)    | 订货号<br>Ordering-No. | 针数<br>Contacts  | 电缆规格(mm²)<br>Cabel(mm²)    | 订货号<br>Ordering-No. |
|                     | 3   | 3X0.34 PVC<br>3X0.34 PUR   | L12-LT03A02-XX-*    | 3   | 3X0.34 PVC<br>3X0.34 PUR   | W12-LT03A02-XX-*    |
|                     | 4   | 4X0.34 PVC<br>4X0.34 PUR   | L12-LT04A02-XX-*    | 4   | 4X0.34 PVC<br>4X0.34 PUR   | W12-LT04A02-XX-*    |
|                     | 5   | 5X0.25 PVC<br>5X0.25 PUR   | L12-LT05A02-XX-*    | 5   | 5X0.25 PVC<br>5X0.25 PUR   | W12-LT05A02-XX-*    |
|                     | 8   | 8X0.25 PVC<br>8X0.25 PUR   | L12-LT08A02-XX-*    | 8   | 8X0.25 PVC<br>8X0.25 PUR   | W12-LT08A02-XX-*    |
|                     | 12  | 12X0.25 PVC<br>12X0.25 PUR | L12-LT12A02-XX-*    | 12  | 12X0.25 PVC<br>12X0.25 PUR | W12-LT12A02-XX-*    |

|                        |                                  |       |       |      |      |                          |   |   |   |   |    |                          |
|------------------------|----------------------------------|-------|-------|------|------|--------------------------|---|---|---|---|----|--------------------------|
| 技术参数<br>Specifications |                                  |       |       |      |      | 针数<br>Contacts           | 3 | 4 | 5 | 8 | 12 | Number of contacts       |
| 锁紧方式                   | 螺纹式/screw                        |       |       |      |      | Connector locking system |   |   |   |   |    | Connector locking system |
| 接线方式                   | 已装配连接丝/assembled with sing wires |       |       |      |      | Termination              |   |   |   |   |    | Termination              |
| 连接截面                   | 0.14mm² ( AWG26), 0.25mm²(AWG24) |       |       |      |      | Wire gauge               |   |   |   |   |    | Wire gauge               |
| 电缆直径                   | —                                |       |       |      |      | Cable outlet             |   |   |   |   |    | Cable outlet             |
| 防护等级                   | IP67                             |       |       |      |      | Degree of protection     |   |   |   |   |    | Degree of protection     |
| 机械寿命                   | > 100插拔周期/mating cycles          |       |       |      |      | Mechanical operation     |   |   |   |   |    | Mechanical operation     |
| 最高工作温度                 | ~+80° C                          |       |       |      |      | Upper temperature        |   |   |   |   |    | Upper temperature        |
| 最低工作温度                 | ~-25° C                          |       |       |      |      | Lower temperature        |   |   |   |   |    | Lower temperature        |
| 额定电压                   | 250V                             | 250V  | 60V   | 30V  | 30V  | Rated voltage            |   |   |   |   |    | Rated voltage            |
| 额定冲击电压                 | 2500V                            | 2500V | 1600V | 800V | 500V | Rated impulse voltage    |   |   |   |   |    | Rated impulse voltage    |
| 污染等级                   | 3                                |       |       |      |      | Pollution degree         |   |   |   |   |    | Pollution degree         |
| 过电保护等级                 | II                               |       |       |      |      | Overvoltage categorie    |   |   |   |   |    | Overvoltage categorie    |
| 绝缘组别                   | II                               |       |       |      |      | Material group           |   |   |   |   |    | Material group           |
| 额定电流(40°C)             | 4A                               | 4A    | 4A    | 2A   | 1A   | Rated current (40°C)     |   |   |   |   |    | Rated current (40°C)     |
| 触点电阻                   | ≤3mΩ                             |       |       |      |      | Contact resistance       |   |   |   |   |    | Contact resistance       |
| 触点材料                   | CuZn (黄铜/brass)                  |       |       |      |      | Material of contact      |   |   |   |   |    | Material of contact      |
| 触点电镀材料                 | Au(金/gold)                       |       |       |      |      | Contact plating          |   |   |   |   |    | Contact plating          |
| 插座材料                   | PA                               |       |       |      |      | Material of contact body |   |   |   |   |    | Material of contact body |
| 外壳材料                   | CuZn (黄铜镀镍/brass nickel plated)  |       |       |      |      | Material of housing      |   |   |   |   |    | Material of housing      |