

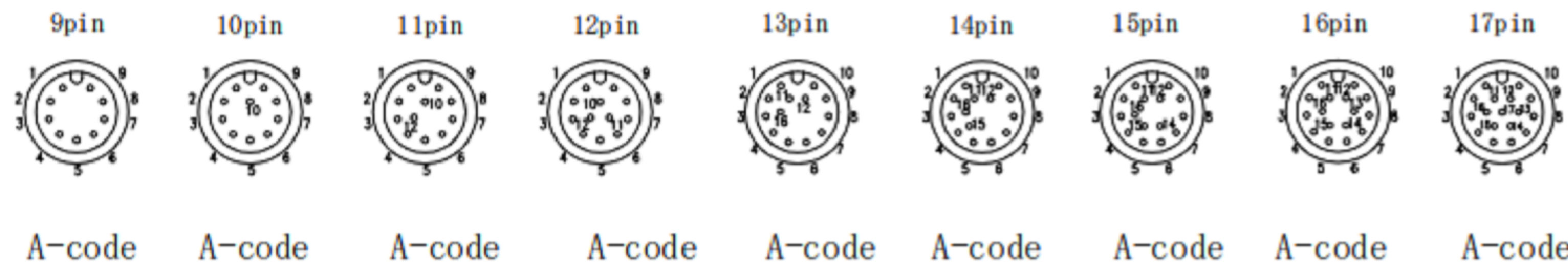
Order data/订货信息

| Contacts/芯数 | Coding | Part number/料号 | Qty | Contacts/芯数 | Coding | Part number/料号 | Qty |
|-------------|--------|----------------|---------|-------------|--------|----------------|---------|
| 09Pin | A-code | M12A09-08-070 | 1000pcs | 16Pin | A-code | M12A16-08-070 | 1000pcs |
| 10Pin | A-code | M12A10-08-070 | 1000pcs | 17Pin | A-code | M12A17-08-070 | 1000pcs |
| 11Pin | A-code | M12A11-08-070 | 1000pcs | | | | |
| 12Pin | A-code | M12A12-08-070 | 1000pcs | | | | |
| 13Pin | A-code | M12A13-08-070 | 1000pcs | | | | |
| 14Pin | A-code | M12A14-08-070 | 1000pcs | | | | |
| 15Pin | A-code | M12A15-08-070 | 1000pcs | | | | |

Specifications/技术参数

| Pin numbers/芯数 | 03Pin | 04Pin | 05Pin |
|---|--|-------|-------|
| Rated voltage/额定电压 | 50V/63V | | |
| Rated current/额定电流 | 12A | | |
| Standards/regulations/标准 | IEC 61076-2-101 | | |
| Termination接线方式 | Solder/焊线式 | | |
| Connector locking system/锁紧方式 | Screw/锁紧 | | |
| Degree of protection/防护等级 | IP67/IP68 | | |
| Wire gauge (mm ²)/线规 (mm ²) | 0.14mm ² ~0.75mm ² | | |
| Wire gauge (AWG)/线号 (AWG) | 26AWG~18AWG | | |
| Mechanical operation/插拔次数 | 100 mating cycles Min | | |
| Ambient temperature (operation)/工作温度 | -25℃~+85℃ | | |
| Contact resistance/接触电阻 | ≤5mΩ | | |
| Insulation resistance/绝缘电阻 | ≥1000MΩ | | |
| Connector body material/胶芯材料 | PA66 | | |
| Pin material/端子材料 | Brass with gold plated | | |
| Screw material/螺丝材料 | Brass with nickel plated | | |
| Gasket material/胶圈材料 | Fluorine ring/氟胶圈 | | |

Pin assignment front view/针位分布前视图



东莞市高迪电子有限公司
DONG GUAN GAO DI ELECTRONICS CO., LTD

TOLERANCE UNLESS OTHERWISE STATED: Up to 5 ±0.2, Above 5 ~ 15 ±0.3, Above 15 ~ 30 ±0.4, Above 30 ~ 50 ±0.5, Angle ±0.3

3RD. ANGEL'S UNITS MM

| | | | |
|------------------------|----------------|-------------------|----------------------|
| DRAWN BY: Jack Lu | DATE: 12/13/19 | MATL | TITLE: CONNECTOR |
| CHECKED BY: Jacky Chen | DATE: 12/13/19 | FINISH | MODLE: M12XXX-08-070 |
| APPROVED BY: Tony Kao | DATE: 12/13/19 | SCALE: 1:1 | DWG NO. |
| | | SHEET NO.: 1 of 1 | PART NO. |

| ITEM NO. | DESCRIPTION | DRAWN | DATE |
|----------|-------------|-------|------|
| | | | |