

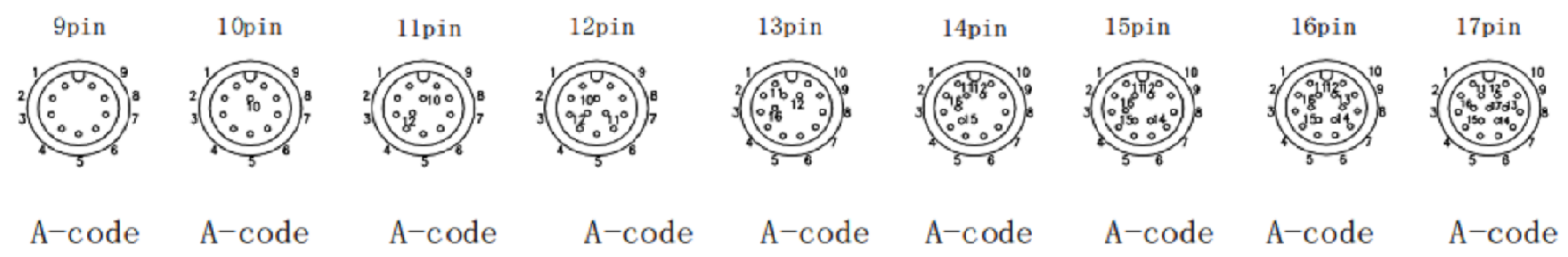
Order data/订货信息

| Contacts/芯数 | Coding | Part number/料号 | Qty     | Contacts/芯数 | Coding | Part number/料号 | Qty     |
|-------------|--------|----------------|---------|-------------|--------|----------------|---------|
| 09Pin       | A-code | M12A09-08-101  | 1000pcs | 16Pin       | A-code | M12A16-08-101  | 1000pcs |
| 10Pin       | A-code | M12A10-08-101  | 1000pcs | 17Pin       | A-code | M12A17-08-101  | 1000pcs |
| 11Pin       | A-code | M12A11-08-101  | 1000pcs |             |        |                |         |
| 12Pin       | A-code | M12A12-08-101  | 1000pcs |             |        |                |         |
| 13Pin       | A-code | M12A13-08-101  | 1000pcs |             |        |                |         |
| 14Pin       | A-code | M12A14-08-101  | 1000pcs |             |        |                |         |
| 15Pin       | A-code | M12A15-08-101  | 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/螺锁                                 |       |       |
| Degree of protection/防护等级                         | IP67/IP68                                |       |       |
| Wire gauge(mm <sup>2</sup> )/线规(mm <sup>2</sup> ) | 0.14mm <sup>2</sup> ~0.75mm <sup>2</sup> |       |       |
| 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



**東莞市高迪電子有限公司**  
**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:    | DATE     | MATL      | TITLE    | CONNECTOR     |
| Jack Lu      | 12/13/19 | FINISH    | MODLE    | M12XXX-08-101 |
| CHECKED BY:  | DATE     | SCALE     | DWG NO.  |               |
| Jacky Chen   | 12/13/19 | 1:1       |          |               |
| APPROVED BY: | DATE     | SHEET NO. | PART NO. |               |
| Tony Kao     | 12/13/19 | 1 of 1    |          |               |

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