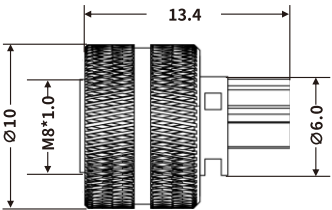


Female connector for over-molding

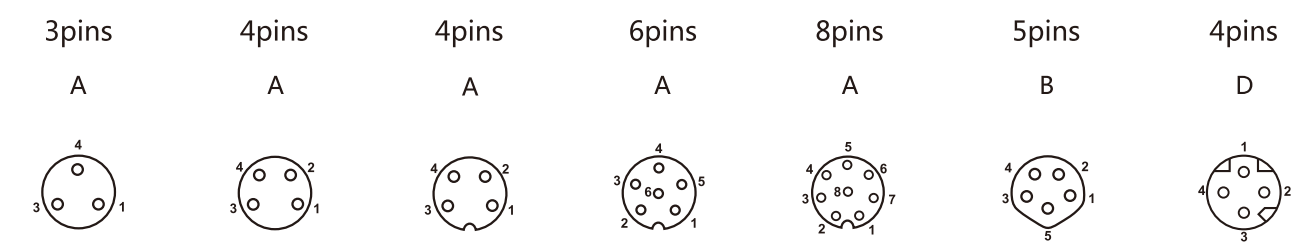
Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)



Order data/订货信息

| Contacts/芯数 | Coding        | Order No/订货号  | P/N/料号     |
|-------------|---------------|---------------|------------|
| 3pins       | A             | 080103-21-001 | M08AF03001 |
| 4pins       | A             | 080104-21-001 | M08AF04001 |
|             | A(fool-proof) | 080104-21-002 | M08AF04002 |
|             | D             | 080404-21-001 | M08DF04001 |
| 5pins       | B             | 080205-21-002 | M08BF05001 |
| 6pins       | A             | 080106-21-001 | M08AF06001 |
| 8pins       | A             | 080108-21-001 | M08AF08001 |

Specifications/技术参数

| Number of contacts/芯数      | 3                                               | 4 | 5   | 6    | 8 |
|----------------------------|-------------------------------------------------|---|-----|------|---|
| Termination/接线方式           | solder/焊接                                       |   |     |      |   |
| Wire gauge/线规              | 0.14/0.25/0.34 mm <sup>2</sup> / (26/24/22 AWG) |   |     |      |   |
| Operating temperature/工作温度 | -25°C ~ +85°C                                   |   |     |      |   |
| Mechanical operation/插拔次数  | > 500 mating cycles                             |   |     |      |   |
| Rated voltage/额定电压         | 60V                                             |   | 30V |      |   |
| Rated current (40°C)/额定电流  | 3A                                              |   |     | 1.5A |   |
| Protection degree/防护等级     | IP67/IP68                                       |   |     |      |   |
| Contact resistance/接触电阻    | < 10mΩ                                          |   |     |      |   |
| Insulation resistance/绝缘电阻 | ≥100MΩ                                          |   |     |      |   |
| Pin contact/插针材料           | CuZn                                            |   |     |      |   |
| Socket contact/插孔材料        | CuSn                                            |   |     |      |   |
| Contact plating/针孔镀层材料     | Au                                              |   |     |      |   |