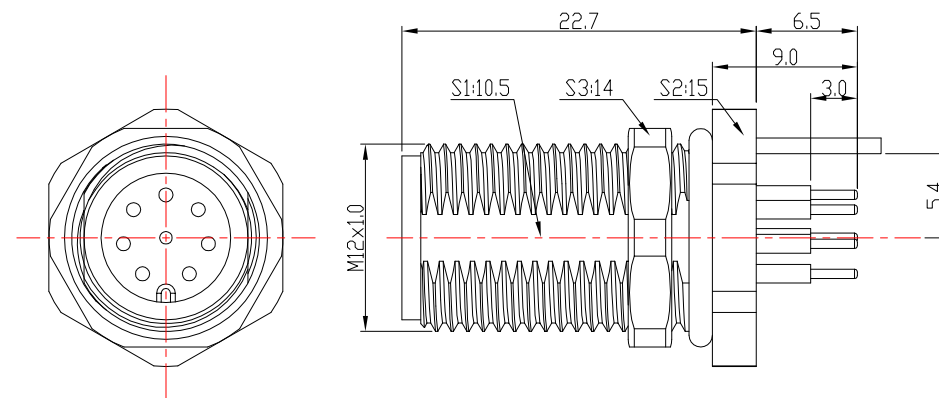


| ECN | REV | DESCRIPTION   | DATE       | APPROVED |
|-----|-----|---------------|------------|----------|
|     | A1  | design change | 11/12/2015 |          |

## 1. 针数/Pin Qty(I)

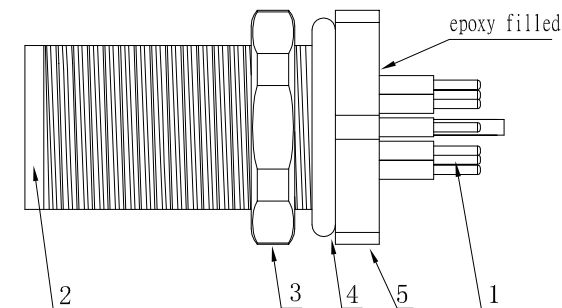
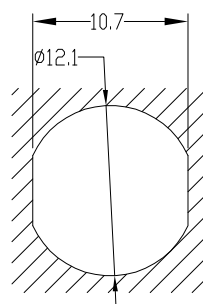
| 系 列/Series                          | 303   | 304   | 305   | 308   | 312   |
|-------------------------------------|-------|-------|-------|-------|-------|
| 孔位排列/Pin Number<br>电路板孔位/PCB Layout |       |       |       |       |       |
| 适配线缆/Conductor size                 | 19AWG | 19AWG | 19AWG | 21AWG | 23AWG |
| 导体直径/Pin size                       | 1.0mm | 1.0mm | 1.0mm | 0.8mm | 0.6mm |
| 额定电流/Rated current                  | 4A    | 4A    | 4A    | 2A    | 1A    |



## 2. 绝缘体型号/Insulator Type(II)

| Type | A | B | D |
|------|---|---|---|
| 型号   |   |   |   |

## 5. 面板開孔尺寸/Hole Size



## 3. 编码原则/Part Number

固定式插座/Fixed socket M12FE 308 AM D  
主型号/Type  
针数/Pin Number(I)  
印制板接/Print  
绝缘体型号  
Insulator type(II)

## 4. 技术特性/Technical Characteristics

- 寿命/Durability: >1000 mate/unmate cycles
- 振动/Vibration: 10-2000Hz, 10g
- 冲击/Shock: 50g, 6ms
- 拉力/Pull Force: 10N Max.
- 耐压/Withstand Voltage: 300V AC, 60S
- 温度等级/Rated Temperature: -40℃, +120℃
- 盐雾/Corrosion Resistance: Salt spray test, >48h
- 防水等级/Waterproof: IP66

|            |                                               |
|------------|-----------------------------------------------|
| 5          | 外壳/Outer Shell: 黄铜镀镍/Brass, Nickel plated     |
| 4          | 密封圈/O-RING: Rubber                            |
| 3          | 六角螺母/Hexagonal nut: 黄铜镀镍/Brass, Nickel plated |
| 2          | 绝缘体/Insulator: NYLON+GF BLACK                 |
| 1          | 公针芯/PIN: 黄铜镀金/Brass copper, G/F               |
| 序号<br>ITEM | 名称 & 规格/Name & Description                    |

|         |           |                         |             |                                 |      |
|---------|-----------|-------------------------|-------------|---------------------------------|------|
|         | SCALE     | TOLERANCES ARE:         |             | TITLE: 固定式插座/Fixed socket       |      |
|         | F         | DECIMALES<br>X±<br>· X± | ANGLES<br>± |                                 |      |
| SHEET   | DIMENSION | APPROVALS               | DATE        | PART NO.                        | REV. |
| 1 OF 1  | MM        | APPROVED: Cosmo.wang    | 11/12/2015  | M12FE308AMD-A520                | *    |
| DWG NO. | REV.      | CHECKED: Linda.lin      | 11/12/2015  | <i>Linconn Elc Tech Co.,LTD</i> |      |
|         |           | CHECKED: S.peng         | 11/12/2015  |                                 |      |
| M12FE   | A1        | DRAWN: S.peng           | 11/12/2015  |                                 |      |

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