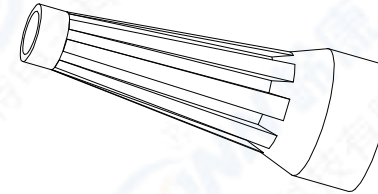


## 1. 芯数/NO. of contacts

| 系列/Series           | 303   | 304   | 305   | 306   | 308   |
|---------------------|-------|-------|-------|-------|-------|
| 孔位排列/Pin Number     |       |       |       |       |       |
| 适配线缆/Conductor size | 24AWG | 24AWG | 24AWG | 26AWG | 26AWG |
| 导体直径/Pin size       | 1.0mm | 1.0mm | 1.0mm | 0.7mm | 0.6mm |
| 额定电流/Rated current  | 3A    | 3A    | 3A    | 1A    | 1A    |
| 额定电压/Rated voltage  | 60V   | 30V   | 30V   | 30V   | 30V   |

## 2. 绝缘体型号/Insulator Coded

| Coded | A | B |
|-------|---|---|
| 型号    |   |   |



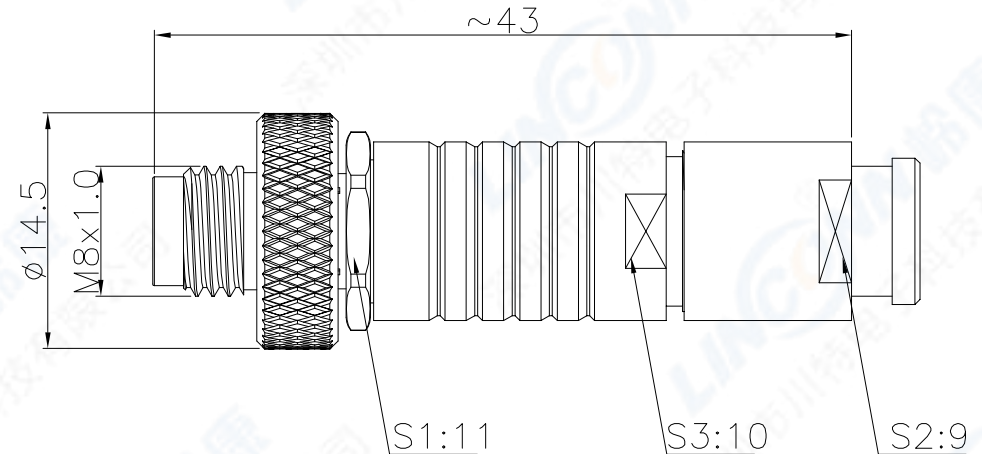
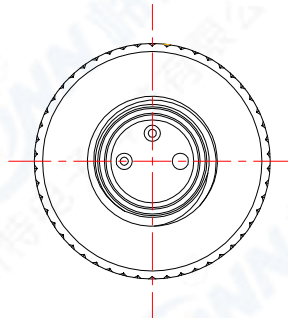
护套/Bend relief

## 3. 编码原则/Part Number

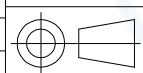
|                             |                            |
|-----------------------------|----------------------------|
| 浮动式插头/Free Plug             | M8G 1 303 A M A B G1 D** Z |
| 主型号/Type                    |                            |
| 外观/Appearance:1             |                            |
| 针数/Pin Number               |                            |
| 绝缘体型号/Insulator coded:A、B   |                            |
| 绝缘体类型/Insulator type:M=Male |                            |
| 针类型/Sold Type:A=Turning     |                            |
| 针长度/Pin Length:B=Standard   |                            |
| 表面处理/Plating:Gold Flash     |                            |
| 线夹/Collect                  |                            |
| 护套/Bend relief              |                            |

## 4. 技术特性/Technical Characteristics

- 寿命/Durability: >1000 mate/unmate cycles
- Pin接触电阻/ Pin Contact Resistance:  $\leq 10 \text{ m}\Omega$
- 绝缘电阻/Insulation Resistance:  $\geq 100 \text{ M}\Omega$
- 温度等级/Rated Temperature:  $-25^\circ \text{C}$ ,  $+80^\circ \text{C}$
- 盐雾/Corrosion Resistance: Salt spray test, >48h
- 防水等级/Waterproof: IP67



|        |                                                  |
|--------|--------------------------------------------------|
| 11     | 尾螺帽/Collect Nut: 黄铜镀铬/Brass,Chrome plated        |
| 10     | 线夹/Collect: 黄铜镀镍/Brass,Nickel plated             |
| 9      | 金属垫/Washer: 黄铜镀镍/Brass,Nickel plated             |
| 8      | 弹性垫圈/Gasket: 硅胶/Silicone rubber                  |
| 7      | 接地锥/Earthing cone: 黄铜镀镍/Brass,Nickel plated      |
| 6      | 外壳/Outer Shell: 黄铜镀铬/Brass,Chrome plated         |
| 5      | 六角固定座/Hexagonal Screw: 黄铜镀镍/Brass,Nickel plated  |
| 4      | 密封圈/O-RING: Rubber                               |
| 3      | M12 外壳/M12 Outer Shell: 黄铜镀镍/Brass,Nickel plated |
| 2      | 公针芯/PIN: 黄铜镀金/Brass,G/F                          |
| 1      | 绝缘体/Insulator: PA BLACK                          |
| 序号ITEM | 名称 & 规格/Name & Description                       |



SCALE

F

TOLERANCES ARE:

DECIMALES  
 $\begin{matrix} x_{\pm} \\ x_{\pm} \end{matrix}$ ANGLES  
 $\pm$ 

SHEET

DIMENSION

1 OF 1

MM

DWG NO.

REV.

M8G

A0

APPROVALS

APPROVED:

CHECKED:

CHECKED:

DRAWN:

DATE

S.peng

03/24/2014

TITLE:

浮动式插头/Free Plug

PART NO.

M8G1303AMABG1D\*\*Z

REV.

\*

LINCONN Linconn Elc Tech Co.,LTD