

ECN	REV	DESCRIPTION	DATE	APPROVED

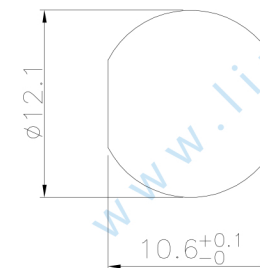
1. 芯数/NO. of contacts

系列/Series	303	304	305	306	308	312	317
孔位排列/Pin Number							
适配线缆/Conductor size	22AWG	22AWG	22AWG	24AWG	24AWG	26AWG	26AWG
导体直径/Pin size	1.0mm	1.0mm	1.0mm	0.8mm	0.8mm	0.6mm	0.6mm
额定电流/Rated current	4A	4A	4A	2A	2A	1A	1A
额定电压/Rated voltage	250V	250V	60V	30V	30V	30V	30V

2. 绝缘体型号/Insulator Coded

Coded	A	B	D
型号			

3. 面板开孔/RECOMMENDED PANEL CUT-OUT



4. 编码原则/Part Number

固定式插座/Fixed socket M12F 9 305 A M A B G1

主型号/Type

面板孔/Panel Cut-Out: M12X1.0

针数/Pin Number

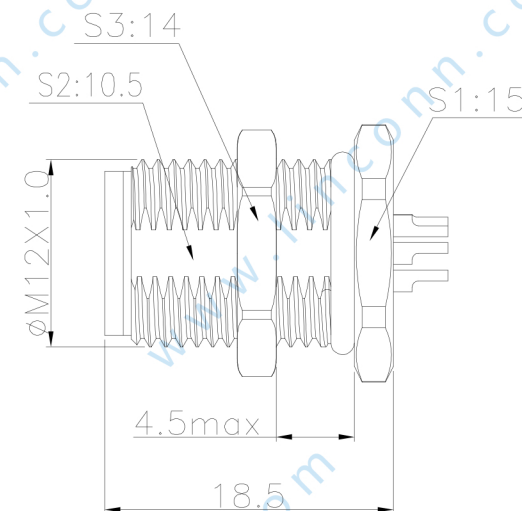
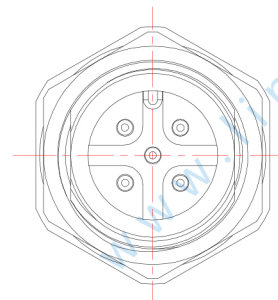
绝缘体型号/Insulator coded:A、B、D

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



5. 技术特性/Technical Characteristics

- 寿命/Durability: >500 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°C , $+80^\circ \text{C}$
- 盐雾/Corrosion Resistance: Salt spray test, >48h
- 防水等级/Waterproof: IP67

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



SHEET

1 OF 1

DWG NO.

M12F

SCALE

F

DIMENSION

MM

REV.

A0

TOLERANCES ARE:

DECIMALES

$X \pm 0.2$
 $.XX \pm 0.1$

APPROVALS

APPROVED:

CHECKED:

CHECKED:

DRAWN:

ANGLES

$\pm$

DATE

S.peng

03/24/2014

TITLE:

固定式插座/Fixed socket

PART NO.

M12F9305AMABG1

REV.

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Linconn Elc Tech Co.,LTD