

ECN	REV	DESCRIPTION	DATE	APPROVED

1. 芯 数/NO. of contacts

系 列/Series	305K	305L	304S	304T	703A
孔位排列/Pin Number					
适配线缆/Conductor size	18AWG	18AWG	18AWG	18AWG	18AWG
导体直径/Pin size	1.5mm	1.5mm	1.5mm	1.5mm	1.8mm
额定电流/Rated current	12A	12A	12A	12A	12A
额定电压/Rated voltage	630V. AC	63V	630V. AC	63V	63V

Coded	K	L	S	T	A
A	9.75		8.7		

2. 编码原则/Part Number

浮动式插头/Free Plug

主型号/Type M12I 2 305 K M A B G1

外观/Appearance: Straight knurling

针数/Pin Number

绝缘体型号/Insulator coded: A、S、T、K、L

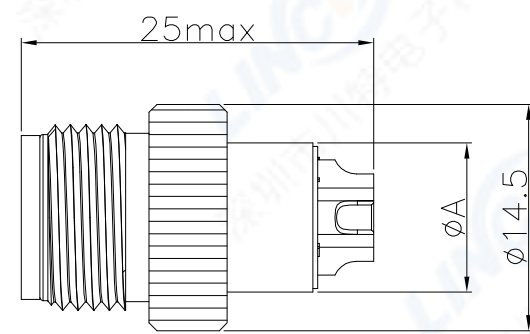
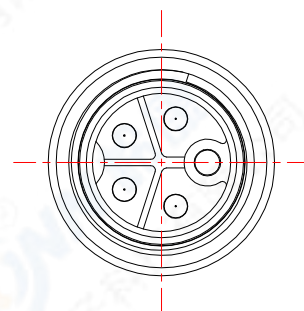
绝缘体型号/Insulator type: M=Male

针类型/Sold Tpye: A=Turning

针长度/Pin Length: B=Standard

表面处理/Plating: Gold Flash

NOTE: T、S-coding--->M12A1***



3. 技术特性/Technical Characteristics

- 寿命/Durability: >100 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

4	屏蔽壳/Shield Shell: 黄铜镀镍/Brass, Nickel plated
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	DIMENSION
1 OF 1	MM
DWG NO.	REV.
M12I	A0

SCALE	TOLERANCES ARE:	ANGLES
F	DECIMALES $X \pm 0.2$ $.XX \pm 0.1$	$\pm$
APPROVALS	DATE	
APPROVED:		
CHECKED:		
DRAWN:	pengsen	04/16/2020

TITLE:	浮动式插头/Free Plug
PART NO.	M12I2305KMABG1
REV.	*
LINCONN Linconn Elc Tech Co.,LTD	