

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. 编码原则/Part Number

浮动式插头/Free Plug M12B 1 305 A M A B G1

主型号/Type

外观/Appearance:1、2、3、4

针数/Pin Number

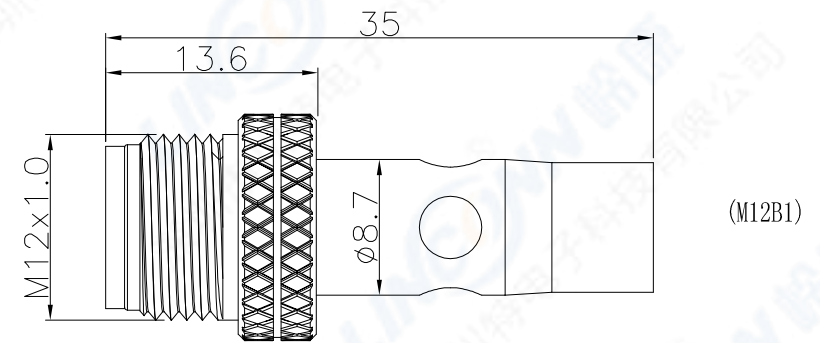
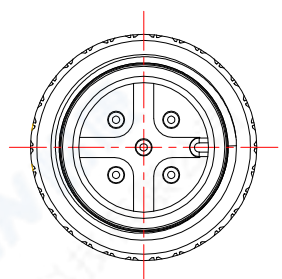
绝缘体型号/Insulator coded:A、B、D

绝缘体型号/Insulatortype:M=Male

针类型/Sold Tpye:A=Turning Z=Stamping

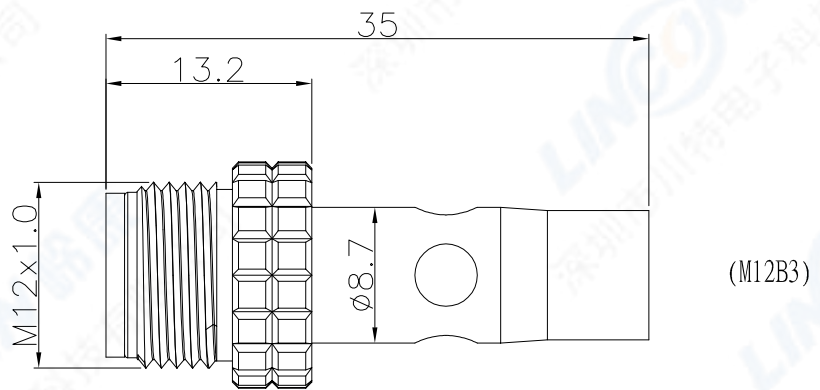
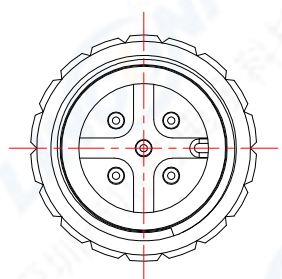
针长度/Pin Length:B=Standard

表面处理/Plating:Gold Flash



4. 技术特性/Technical Characteristics

- 1. 寿命/Durability: >500 mate/unmate cycles
- 2. Pin接触电阻/ Pin Contact Resistance: ≤10 mΩ
- 3. 绝缘电阻/Insulation Resistance: ≥ 100 MΩ
- 4. 温度等级/Rated Temperature: -25° C,+80° C
- 5. 盐雾/Corrosion Resistance: Salt spray test,>48h
- 6. 防水等级/Waterproof: IP67



4	屏蔽壳/Shield Shell: 铜镍镀镍/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

	SCALE	TOLERANCES ARE:	TITLE: 浮动式插头/Free Plug
	F	DECIMALES X ± 0.2 XX ± 0.1	
SHEET	DIMENSION	APPROVALS	PART NO. M12B1305AMABG1
1 OF 1	MM	APPROVED:	REV. *
DWG NO.	REV.	CHECKED:	
M12B	A0	CHECKED:	
		DRAWN: S.peng	03/24/2014