

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/Insulator type:M=Male

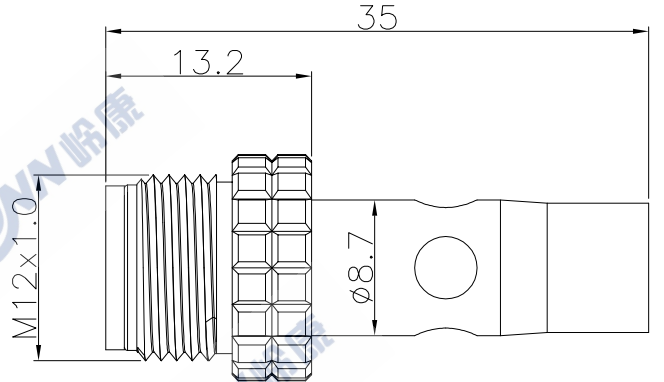
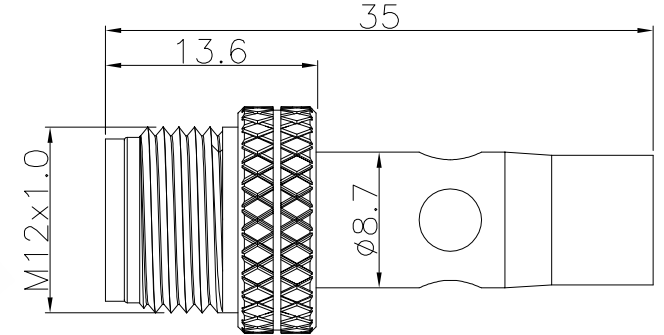
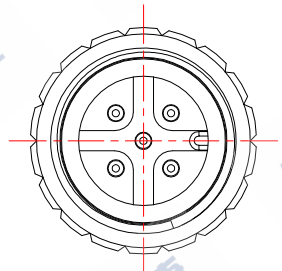
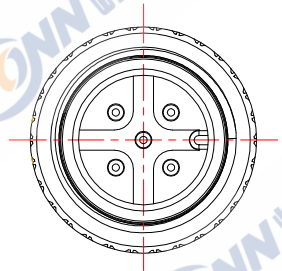
针类型/Sold Tpye:A=Turning Z=Stamping

针长度/Pin Length:B=Standard

表面处理/Plating:Gold Flash

4. 技术特性/Technical Characteristics

- 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



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
	F
SHEET	DIMENSION
1 OF 1	MM
DWG NO.	REV.
M12B	A0

TOLERANCES ARE: DECIMALES X ± 0.2 .XX ± 0.1		ANGLES ±	
APPROVALS		DATE	
APPROVED:			
CHECKED:			
DRAWN: S.peng		03/24/2014	

TITLE: 浮动式插头/Free Plug	
PART NO. M12B1305AMABG1	REV. *
LINCONN Linconn Elc Tech Co.,LTD	