

ECN	REV	DESCRIPTION	DATE	APPROVED

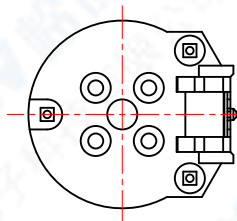
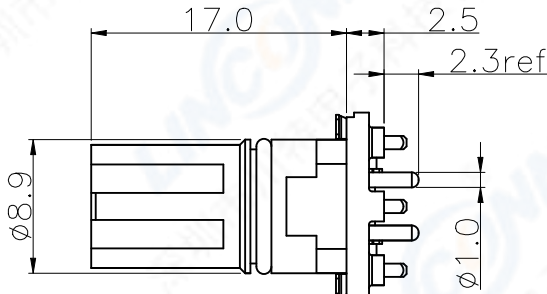
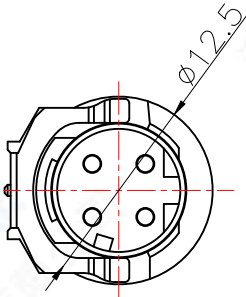
1. 芯 数/NO.of contacts

系 列/Series	304	305	308
Pin 排列/Pin Assignment PCB 孔位/PCB Layout (Front View)			
导体直径/Pin size	1.0mm	1.0mm	0.8mm
额定电压/Rated voltage	250V	60V	30V
额定电流/Rated current	4A	4A	2A

2. 绝缘体型号/Insulator Coded

Coded	A	D
型号		

“▼” Insulator key



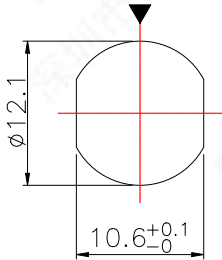
3. 编码原则/Part Number

固定式插座/Fixed socket M12HE 9 304 D F N O S
主型号/Type M12HE 9 304 D F N O S
面板孔/Panel Cut-Out: M12x1.0
针数/Pin Number: 4Pin
绝缘体型号/Insulator coded: A, B, D
绝缘体类型/Insulator type: F=Female
针类型/Sold Type: PCB L180°
外壳/ACCESSORIES: S=Shell/带外壳 0=NO/不带外壳
屏蔽/SHIELDED: S=Shield/带屏蔽 0=NO/不带屏蔽

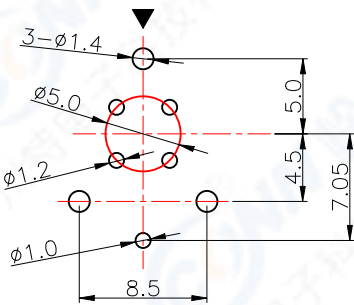
4. 技术特性/Technical Characteristics

- 寿命/Durability: >100 mate/unmate cycles
- Pin接触电阻/ Pin Contact Resistance: ≤10 mΩ
- 绝缘电阻/Insulation Resistance: ≥ 100 MΩ
- 温度等级/Rated Temperature: -25° C, +85° C
- 盐雾/Corrosion Resistance: Salt spray test, >48h
- 防水等级/Waterproof: IP67

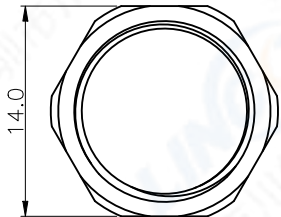
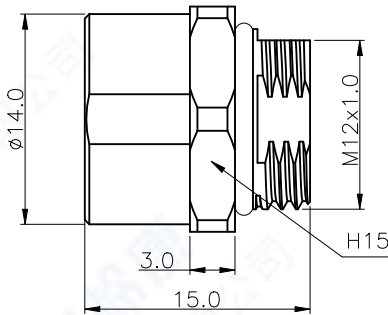
面板开孔
RECOMMENDED PANEL CUT-OUT



PCB 开孔尺寸/PCB LAYOUT



ACCESSORIES Panel mounting base(optional)



5	六角螺母/Hexagonal nut: 黄铜镀镍/Brass, Nickel plated
4	外壳/Outer Shell: 黄铜镀镍/Brass, Nickel plated
3	针芯/PIN: 铜合金鍍金/Copper, gold plating 5U'
2	密封圈/O-RING: Rubber
1	绝缘体/Insulator: PA BLACK

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

TOLERANCES ARE: DECIMALES X ± 1 X ± 0.5	ANGLES ±
APPROVALS	DATE
APPROVED:	
CHECKED:	
CHECKED:	
DRAWN: pengsen	08/25/2022

TITLE: M12 female socket	REV. *
PART NO. M12HE93xxxFNOS	
Linconn Elc Tech Co.,LTD	

序号ITEM	名称 & 规格/Name & Description
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