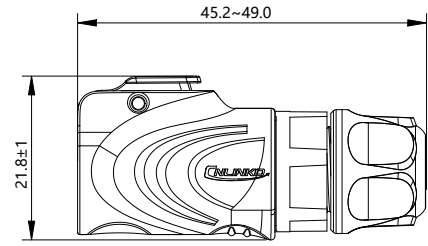
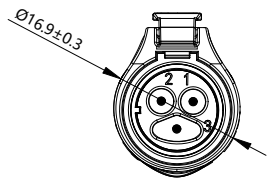
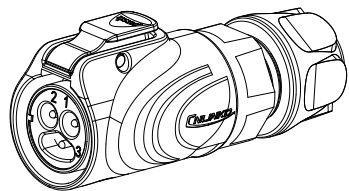
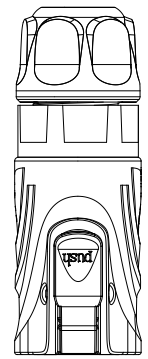


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表一：电气参数/Electrical parameters

额定电流 Rated current	5A	
额定电压 Rated voltage	125V AC	
耐压 (Max) Dielectric withstanding voltage	1500V AC	
接触电阻 (Max) Contact resistance	5mΩ	
绝缘电阻 (Min) Insulation resistance	500MΩ	
线 径 Wire gauge	0.34~0.5mm ² /22~20AWG	
接线方式 Terminal Type	☐ 锁线/Screwing	
线径直径 Cable OD	☐ φ3.5~φ4.5mm ☒ φ4.5~φ6.0mm	
紧固扭矩 Tightening torque	0.8N.m(外壳/shell)/0.1N.m(导体/conductor)	
防护等级 IP code	对接状态 ☐ IP65 ☐ IP67 ☒ IP68 ☐ IPx9k	
机械寿命 (Min) Operating cycles	500次	
工作温度 Operating temperature	-25℃ ~ +85℃(标准塑胶款/Standard Plastic shell); -40℃ ~ +85℃(定制塑胶款/Customized Plastic shell)	

ECN NO.	REV.	MODIFICATION	DATE	DRAW	APPROVED
ECNXXXXXX	A1	初版发行	2024/03/11	杨今心	宋星亮

编 码 原 则:
Part Number rules
LP-12- X XX XX- X X -X XX X
1 2 3 4 5 6 7 8 9 10
1. 产 品 系 列 : 以两个字母表示如LP/DH/BD/YF/YP/YW/YZ/LK...等
Product series is represented by two capital letters such as LP/DH/BD/YF/YP/YW/YZ/LK, etc.
2. 产 品 型 号 : 12/16/20/24/28.
Product number
3. 公 母 类 别 : C=公针/端 J=母针/端 K=公母混合
Interface type C=male pin/end J=female pin/end K=both male and female pins
4. 接 口 类 别 :
Interface type
4.1 电源&信号:非PIN针=00
Non-pin type=00
PIN针类: 01=单芯 02=2芯 03=3芯 04=4芯....
Pin type:01=single pin 02=2 pin 03=3 pin 04=4 pin....
4.2 数据&信号类: USB\HDMI\RJ45\ (光纤: LC/FC/SC/ST/MP0/MTP等).
Signal class: USB\HDMI\RJ45\ (optical fiber: LC/FC/SC/ST/MP0/MTP, etc.
数据&信号类范例:
Signal type example: /USB3A/1 0 0
USB 3A: USB 3.0
USB 3B: USB 3.1
其它款依此类推
And so on

0	0接口
1	1接口
2	2接口

0	不防水
1	防水

0	带PCB板
1	带Hsg
2	口朝上
3	直通式
4	口朝下
5	带胶芯
6	胶芯带线

5. 连接器类型 PE=插头 SX=插座 PP=对接插座
Connector Type PE=Plug SX=Receptacle PP=Floating connector
6. 接线方式 0=焊接 1=压接 2=锁线 3=铆接 4=其它
Wiring method 0=Soldering 1=Crimping 2=Screwing 3=Riveting 4=Other
7. 材料属性 1=塑胶+金属 2=全塑胶 3=全金属
Material 1=Plastic+metal 2=All plastic 3=All metal
8. 特 殊 码 0=插头 1=单孔直式插座 2=两孔法兰插座 4=四孔法兰插座
Special code 0=Plug/Floating connector 1=Single-hole straight receptacle
2=Two-hole flange receptacle 4=Four-hole flange receptacle
9. 流 水 码Streaming code :01-99
10. 区别码空白或A ~Z / Distinction code:blank or A-Z

表二:

2	LP-12-C03PE-21-004	一字	
1	LP-12-C03PE-21-002	六角	
序号	编码	螺丝类型	备注 (锁导体螺丝)
XX±0.3 X.XX±0.15 X.XXX±0.100		X°±3° X.X°±1.0° 未注圆角R0.2	 深圳市凌科电气有限公司 SHENZHEN LINKO ELECTRIC CO.,LTD
TOLERANCES UNLESS OTHERWISE SPECIFIED			
DRAWN	杨今心	2024/03/11	TITLE: LP12型xx芯公插头塑胶+金属款锁线式 (外壳金属+尾部塑胶)
CHECKED	杨武	2024/03/11	
APPROVED	宋星亮	2024/03/11	
UNIT: mm	SIZE:A4	SHEET:1/1	P/N:
PORJ.		SCALE /	LP-12-C03PE-21-xxx
			A1