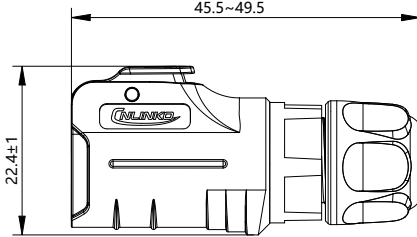
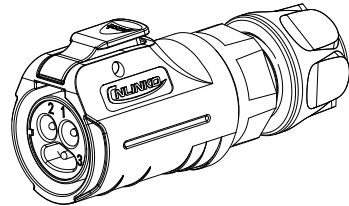
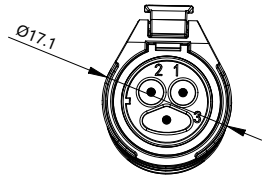
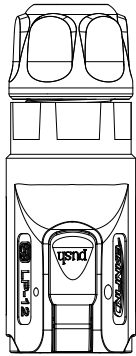


1 2 3 4 5 6 7 8 9 10

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表一：电气参数/Electrical parameters

B	额定电流 Rated current	5A	
	额定电压 Rated voltage	125V AC	
	绝缘耐压 (Max) Dielectric withstanding voltage	1500V AC	
	接触电阻 (Max) Contact resistance	5mΩ	
	绝缘电阻 (Min) Insulation resistance	500MΩ	
	线规 Wire gauge	0.34~0.5mm ² /22~20AWG	
A	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/MPO/MTP等).

Signal class: USB\HDMI\RJ45\ (optical fiber: LC/FC/SC/ST/MPO/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-22-004	一字	
1	LP-12-C03PE-22-003	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 TOLERANCES UNLESS OTHERWISE SPECIFIED		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
DRAWN	杨今心	2024/03/11	TITLE: LP12型3芯公插头塑胶款锁线丝式
CHECKED	杨武	2024/03/11	
APPROVED	宋星亮	2024/03/11	
UNIT: mm	SIZE:A4	SHEET:1/1	
PORJ.		SCALE /	P/N: LP-12-C03PE-22-xxx
			A1