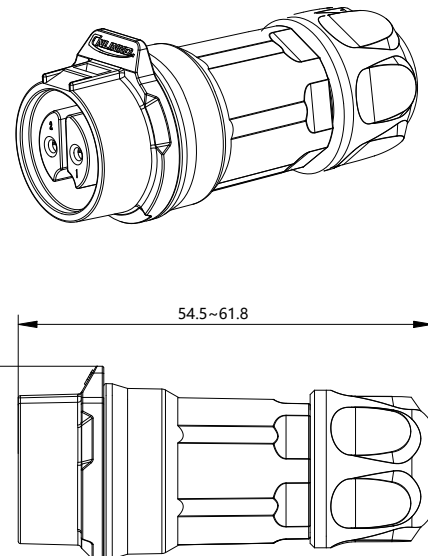
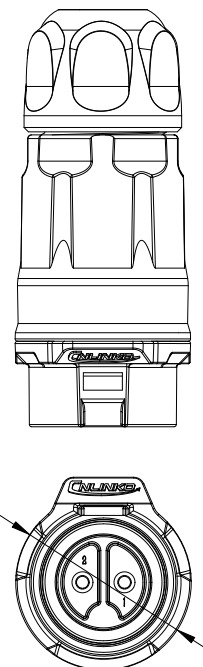


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1 2 3 4 5 6 7 8 9 10

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表一：电气参数/Electrical parameters

芯数	2芯	3芯	4芯	5芯	7芯	8芯	9芯
母端 Female							
公端 Male							
额定电流 Rated current	10A			5A			
额定电压 Rated voltage	400V AC			250V AC			
耐压 (Max) Dielectric withstanding voltage	2000V AC			1500V AC			
接触阻抗 (Max) Contact resistance	3mΩ			5mΩ			
绝缘阻抗 (Min) Insulation resistance				500MΩ			
线规 Wire gauge	1.0~1.5mm²/18 ~16AWG			0.34~0.5mm²/22~20AWG			
接线方式 Terminal type	焊接/welding						
线缆直径 Cable OD	☐ φ3.0 ~ φ5.0mm			☐ φ5.0 ~ φ7.0mm		☐ φ7.0 ~ φ9.0mm	
紧固扭矩 Tightening torque	1.0N.m						
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
/	A1	初版发行	2024/03/14	杨今心	宋星亮

编码原则:
Part Number rules
LP-16- 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 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

0	0接口	0	不防水	0	带PCB板
1	1接口	1	防水	1	带Hsg
2	2接口			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

X.X±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 SHENZHEN LINKO ELECTRIC CO.,LTD		
DRAWN	杨今心	2024/03/14	TITLE:		
CHECKED	杨武	2024/03/14	LP16型xx芯对接x插座塑胶款焊接式		
APPROVED	宋星亮	2024/03/14	P/N:		
UNIT: mm	SIZE:A4	SHEET:1/1	LP-16-xxxPP-02-0xxx		A1
PORJ.		SCALE: /			