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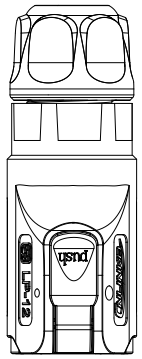
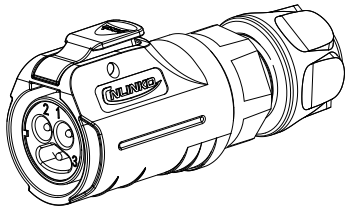
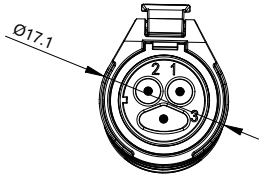
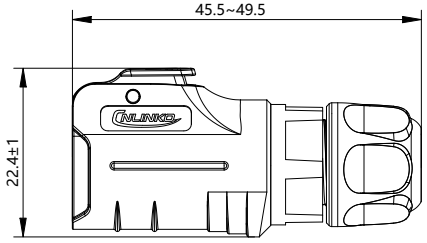
ENGINEERING DEPARTMENT 工程部 图档发行

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 seriesis 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
接触阻抗(Max) Contact resistance	5mΩ
绝缘阻抗(Min) Insulation resistance	500MΩ
线规 Wire gauge	0.34~0.5mm²/22~20AWG
接线方式 Terminal type	☐锁线/Screwing
线缆直径 Cable OD	☐φ3.5~φ4.5mm ☑φ4.5~φ6.0mm
紧固扭矩 Tightening torque	0.8N.m(外壳/shell)/0.4N.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)

表二:

序号	编码	螺丝类型	备注 (锁导体螺丝)
2	LP-12-C03PE-22-004	一字	
1	LP-12-C03PE-22-003	六角	

X.X±0.3 X°±3°
X.XX±0.15 X.X°±1.0°
X.XXX±0.100 未注圆角R0.2
TOLERANCES UNLESS OTHERWISE SPECIFIED

深圳市凌科电气有限公司
SHENZHEN LINKO ELECTRIC CO.,LTD

DRAWN	杨今心	2024/03/11
CHECKED	杨武	2024/03/11
APPROVED	宋星亮	2024/03/11
UNIT: mm	SIZE:A4	SHEET:1/1
PORJ.	SCALE /	

TITLE: LP12型3芯公插头塑胶款锁线丝式

P/N: LP-12-C03PE-22-xxx A1

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