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ENGINEERING DEPARTMENT

工程管理部

图档发行

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

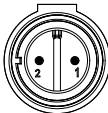
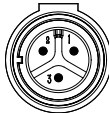
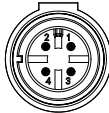
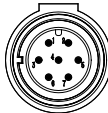
Special code 0=Plug/Floating connector 1=Single-hole straight receptacle

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

表一: 电气参数/Electrical parameters

	2芯	3芯	4芯	5芯	6芯	7芯	8芯
公端 Male							
额定电流 Rated current	5A					3A	
额定电压 Rated voltage	125V AC					100V AC	
耐压 (Max) Dielectric withstanding voltage	1500V AC					1000V 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					0.25~0.34mm ² /24~22AWG	
接线方式 terminal type	☐ 焊接/welding						
线径范围 Cable OD	☐ φ3.5 ~ φ4.5mm		☐ φ4.5 ~ φ5.5mm		☐ φ5.0 ~ φ6.5mm		
紧固扭矩 Tightening torque	0.8N.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)						

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:
CHECKED	杨武	2024/03/11	LP12型xx芯插头塑胶+金属款焊接式	
APPROVED	宋星亮	2024/03/11	P/N:	
UNIT: mm	SIZE:A4	SHEET:1/1	LP-12-CxxPE-01-0xxx	
PORJ.		SCALE /	A1	