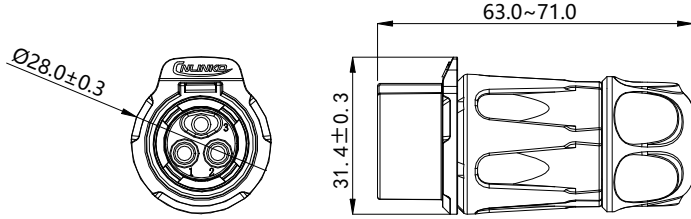
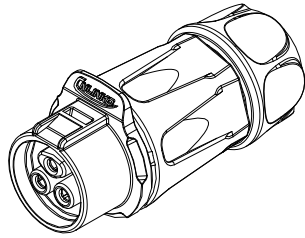


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表一：电气参数

芯数	2芯	3芯	4芯	5芯	7芯	9芯	12芯
公端 Male							
母端 Female							
额定电流 Rated current	20A			10A		5A	
额定电压 Rated voltage				500V AC		250V AC	
耐压 (Max) Dielectric withstanding voltage				2000V AC		1500V AC	
接触电阻 (Max) Contact resistance	1.0mΩ			3.0mΩ		5.0mΩ	
绝缘电阻 (Min) Insulation resistance	500MΩ						
线 规 Wire gauge	2.5~4.0mm²/14~12AWG			1.0~1.5mm²/ 18~16AWG		0.34~0.5mm²/22~20AWG	
接 线 方 式 Terminal Type	锁线/Screwing						
线 缆 直 径 Cable OD	☐ φ5.0~φ6.5mm		☐ φ6.5~φ8.5mm		☐ φ8.5~φ10.0mm		☐ φ10.0~φ12.0mm
紧 固 扭 矩 Tightening torque	2.0N.M						
防 护 等 级 IP code	对接状态IP65~IP68 (IP65标配/可选IP67&IP68) /IP65~IP68 mated(P65 Standard/IP67&IP68 Option)						
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	2023/12/04	杨今心	宋星亮

编码原则:

Part Number rules

LP-20 - 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 size

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

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=Cramping 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/对接插座 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.A ~Z 表示产品版本升级/隔栏/防呆/ Version Upgrade/Barrier&Foolproof

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	2023/12/04	TITLE: LP20型3芯对接母插座塑胶+金属 款锁线式(隔栏+蓝色外壳 +φ12mm尾部密封圈)		
CHECKED	杨武	2023/12/04			
APPROVED	宋星亮	2023/12/04			
UNIT: mm	SIZE:A4	SHEET:1/1	P/N: LP-20-J03PP-21-003		
PORJ.		SCALE 1: 1	A1		