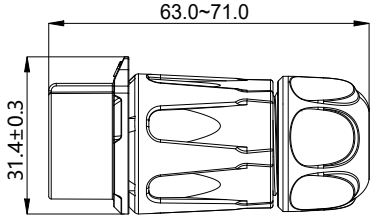
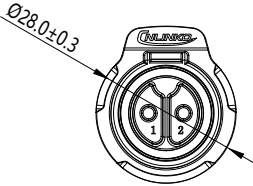
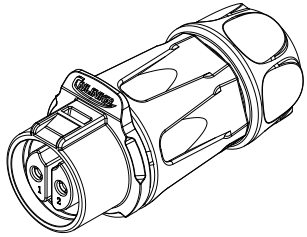
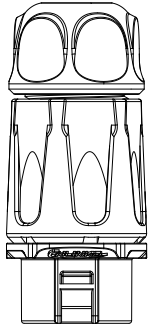


ECN NO.	REV.	MODIFICATION	DATE	DRAW	APPROVED
	A1	初版发行	2024/03/18	杨今心	宋星亮



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 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	0	0接口	0	不防水	0	带PCB板
USB 3B: USB 3.1	1	1接口	1	防水	1	带Hsg
其它款依此类推	2	2接口			2	口朝上
And so on					3	直通式
					4	带胶芯
					5	口朝下
					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

芯数	2芯	3芯	4芯	5芯	7芯	8芯(2+6)	9芯	12芯	14芯
母端 Female									
公端 Male									
额定电流 Rated current	20A		10A		20A/5A		5A		
额定电压 Rated voltage	500V AC		250V AC		250V AC			1500V AC	
耐压 (Max) Dielectric withstanding voltage	2000V AC		1500V AC		1500V AC			1500V AC	
接触电阻 (Max) Contact resistance	1.0mΩ		3.0mΩ		1.0mΩ/5.0mΩ		5.0mΩ		
绝缘电阻 (Min) Insulation resistance	500MΩ								
线规 Wire gauge	2.5~4.0mm ² /14~16AWG		1.0~1.5mm ² / 18~16AWG		2.5~4.0mm ² /14~12AWG 0.34~0.5mm ² /22~20AWG		0.34~0.5mm ² /22~20AWG		
接线方式 Terminal Type	焊接/welding								
线径直径 Cable dia	□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		□IP67		☑IP68		□IPx9k		
使用寿命 (Min) Operating cycles	500次								
工作温度 Operating temperature	-25°C ~ +85°C(标准塑胶款/Standard Plastic shell); -40°C ~ +85°C(定制塑胶款/Customized Plastic shell)								

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	2024/03/18	TITLE: LP20型xx芯对接x插座塑胶+金属款焊接式(隔栏_防呆)		
CHECKED	杨武	2024/03/18			
APPROVED	宋星亮	2024/03/18			
UNIT: mm	SIZE:A4	SHEET:1/1	P/N: LP-20-xxxPP-01-0xxA		A1
PORJ.		SCALE /			