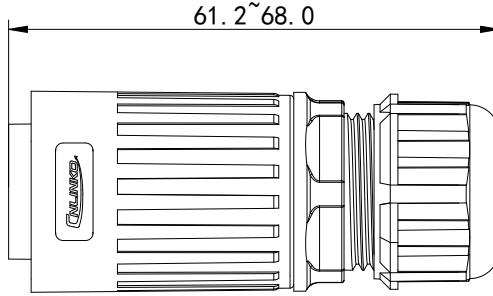
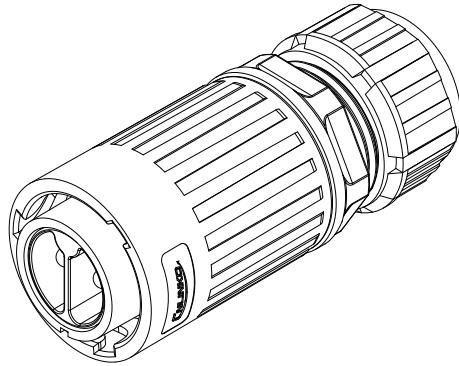
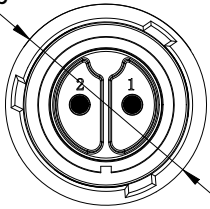
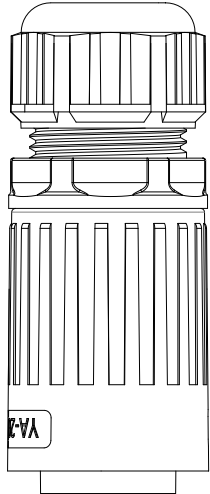


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表一：电气参数

芯数	2芯	3芯	4芯	5芯	7芯	8芯	9芯	12芯	14芯
公端 Male									
母端 Female									
额定电流 Rated current	20A			10A		20A/5A	5A		
额定电压 Rated voltage	500V AC					250V AC	250V AC		
耐压 (Max) Dielectric withstanding voltage	2000V 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	2.5~4.0mm²/14~12AWG			1.0~1.5mm²/18~16AWG		2.5~4.0mm²/14~12AWG 0.34~0.5mm²/22~20AWG	0.34~0.5mm²/22~20AWG		
接线方式 Terminal type	焊接/welding								
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℃(标准塑胶壳/Standard Plastic shell); -40℃ ~ +85℃(定制塑胶壳/Customized Plastic shell)								

ECN NO.	REV.	MODIFICATION	DATE	DRAWN	APPROVED
N/A	A1	初版发行	2024/01/03	杨今心	宋星亮

编码原则:

Part Number rules

YA-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

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

X.X±0.3 X.XX±0.15 X.XXX±0.100		X°±3° X.X°±1.0° 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	2024/01/03				TITLE:	
CHECKED	杨武	2024/01/03				YW20型x插头塑胶+金属款焊接式 (隔栏_防呆)	
APPROVED	宋星亮	2024/01/03					
UNIT: mm	SIZE:A4	SHEET:1/1		P/N:		YA-20-xxxPE-01-0xxA	
PORJ.		SCALE /					
						A1	