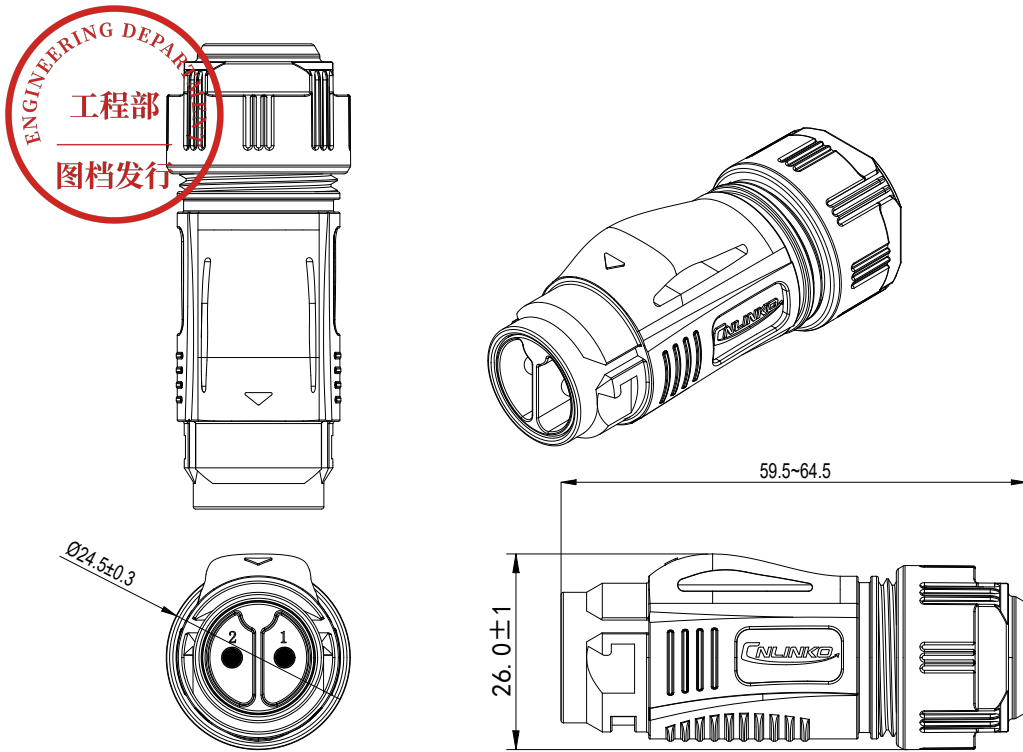


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表一：电气参数/Electrical parameters

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	
接触阻抗 (Max) Contact resistance	1. 0mΩ			3. 0mΩ		1. 0mΩ / 5.0mΩ		5. 0mΩ	
绝缘阻抗 (Min) Insulation resistance	500M Ω								
线规 Wire gauge	2. 5~4. 0mm ² / 14~12AWG			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 ØD	☐ φ5.0~φ6.5mm			☐ φ6.5~φ8.5mm		☐ 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								
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	2024/03/19	杨今心	宋星亮

编码原则:

Part Number rules

BD-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=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 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 TOLERANCES UNLESS OTHERWISE SPECIFIED			 深圳市凌科电气有限公司 SHENZHEN LINKO ELECTRIC CO.,LTD		
DRAWN	杨今心	2024/03/19	TITLE: BD20型xx芯x插头塑胶焊接式(隔栏_防呆)		
CHECKED	杨武	2024/03/19			
APPROVED	宋星亮	2024/03/19			
UNIT: mm	SIZE:A4	SHEET:1/1	P/N: BD-20-xxxPE-02-0xxA		A1
PORJ.		SCALE /			