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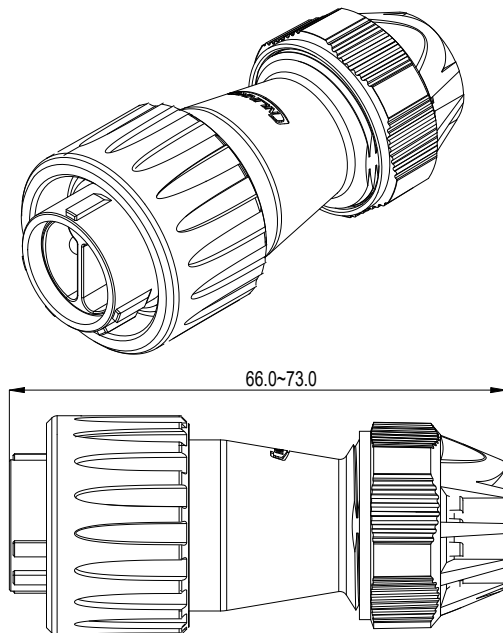
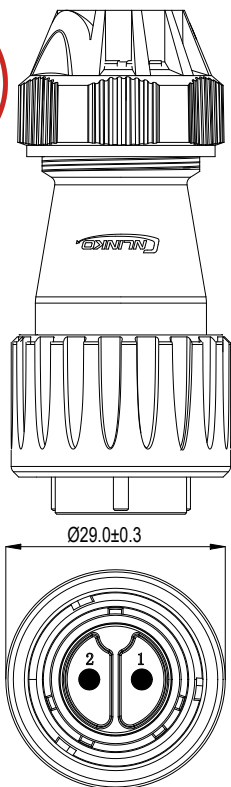
4

5

6

7

10



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
公端 Male									
母端 Female									
额定电流 Rated current	20A			10A		20A/5A	5A		
额定电压 Rated voltage	300V AC					250V AC	250V AC		
耐压 (Max) Dielectric withstanding voltage	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								
线径 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								
线径规格 Cable Dia	□φ5.0~φ6.5mm			□φ6.5~φ8.5mm		□φ8.5~φ10.0mm		□φ10.0~φ12.0mm	
紧固扭矩 Tightening torque	2.5N.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	-40℃ ~ +85℃(金属款/Metal shell)								

ECN NO.	REV.	MODIFICATION	DATE	DRAW	APPROVED
/	A1	初版发行	2023/12/13	杨今心	宋星亮

编码原则:

Part Number rules

DZ - 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=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	
DRAWN	杨今心	2023/12/13	TITLE: DZ20型x插头金属款焊接式(隔栏_防呆)	
CHECKED	杨武	2023/12/13		
APPROVED	宋星亮	2023/12/13		
UNIT: mm	SIZE: A4	SHEET: 1/1	P/N:	
PORJ.		SCALE: /	DZ-20-xxxPE-03-0xxA A1	