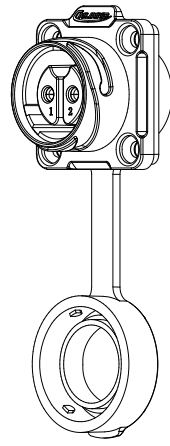
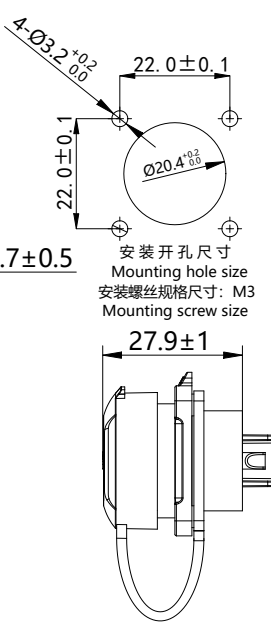
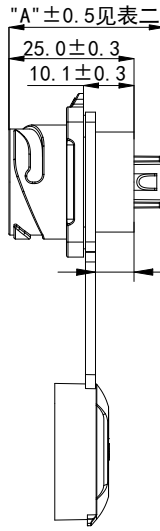
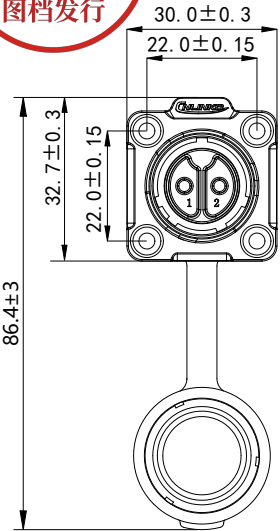
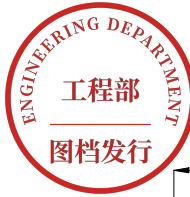


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表一: 电气参数/Electrical parameters

芯数	2芯	3芯	4芯	5芯	7芯	8芯(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	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 Ø	/								
紧固扭矩 Tightening torque	0.4N.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	-40℃ ~ +85℃(金属款/Metal shell)								

ECN NO.	REV.	MODIFICATION	DATE	DRAW	APPROVED
/	A1	初版发行	2024/03/20	杨今心	宋星亮

编码原则:

Part Number rules

DH-20- X XX XX- X X -X XX X
1 2 3 4 5 6 7 8 9 10

表二: "A"尺寸/Length 系列: 以两个字母表示如LP/DH/BD/YF/YP/YW/YZ/LK...等

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/MP0/MTP等).

Signal class: USB\HDMI\RJ45\ (optical fiber: LC/FC/SC/ST/MP0/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
5	带胶芯
4	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

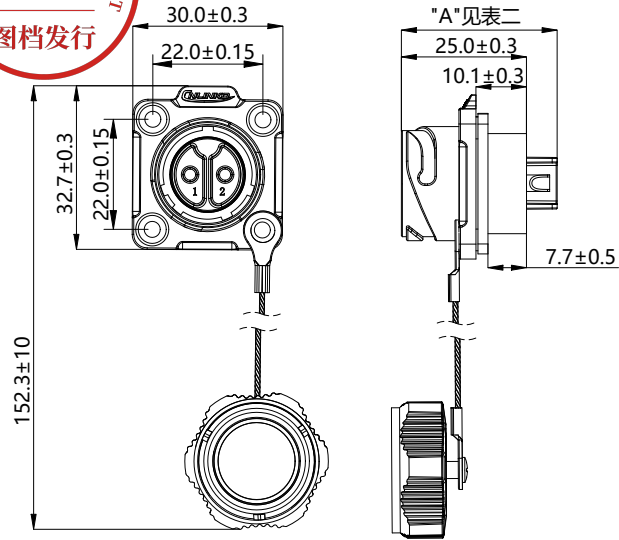
9. 流水码/Streaming code :01-99

10. 区别码空白或A~Z / Distinction code:blank or A-Z

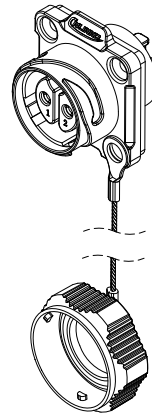
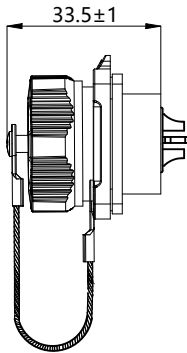
X.X±0.3 X.XX±0.15 X.XXX±0.100			X°±3° X.X°±1.0° 未注圆角R0.2			 深圳市凌科电气有限公司 SHENZHEN LINKO ELECTRIC CO.,LTD		
TOLERANCES UNLESS OTHERWISE SPECIFIED						TITLE: DH20型xx芯四孔法兰x插座金 属款焊接式(隔栏_防呆)		
DRAWN		杨今心		2024/03/20				
CHECKED		杨武		2024/03/20				
APPROVED		宋星亮		2024/03/20				
UNIT: mm		SIZE:A4		SHEET:1/3		P/N: DH-20-xxxSX-03-4xxA		
PORJ.				SCALE /		A1		

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1 2 3 4 5 6 7 8 9 10
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安装开孔尺寸
Mounting hole size
安装螺丝规格尺寸: M3
Mounting screw size



表一: 电气参数/Electrical parameters

芯数 Pin	2芯	3芯	4芯	5芯	7芯	8芯(2+6)	9芯	12芯	14芯
母端 Female									
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额定电流 Rated current	20A			10A		20A/5A	5A		
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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 Ø	/								
紧 固 扭 矩 Tightening torque	0.4N.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	-40℃ ~ +85℃(金属款/Metal shell)								

ECN NO.	REV.	MODIFICATION	DATE	DRAW	APPROVED
/	A1	初版发行	2024/03/20	杨今心	宋星亮

编码原则:

Part Number rules

DH-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

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PIN针类: 01=单芯 02=2芯 03=3芯 04=4芯....

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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

5 带胶芯

4 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

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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

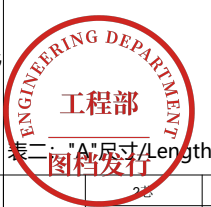
X.X±0.3 X.XX±0.15 X.XXX±0.100 TOLERANCES UNLESS OTHERWISE SPECIFIED			X°±3° X.X°±1.0° 未注圆角R0.2 深圳市凌科电气有限公司 SHENZHEN LINKO ELECTRIC CO.,LTD		
DRAWN	杨今心	2024/03/20	TITLE:		
CHECKED	杨武	2024/03/20	DH20型xx芯四孔法兰x插座金属		
APPROVED	宋星亮	2024/03/20	款焊接式(隔栏_防呆)		
UNIT: mm	SIZE:A4	SHEET:2/3	P/N: DH-20-xxxSX-03-4xxA		
PORJ.		SCALE /	A1		

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3



表二: "A"尺寸/Length
图档发行

	2芯	3芯	4芯	5芯	7芯	8芯(2+6)	9芯	12芯	14芯
母端 Female									
A	31.1	31.1	31.4	30.0	28.5	31.7	29.7	29.7	29.3
公端 Male									
A	32.2	32.2	32.2	30.7	29.2	32.0	28.7	28.7	30.0

7 ECN NO.	REV.	8 MODIFICATION	9 DATE	DRAW	10 APPROVED
/	A1	初版发行	2024/03/20	杨今心	宋星亮

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  深圳市凌科电气有限公司 SHENZHEN LINKO ELECTRIC CO.,LTD		
DRAWN	杨今心	2024/03/20	TITLE: DH20型xx芯四孔法兰插x座金 属款焊接式(隔栏_防呆)		
CHECKED	杨武	2024/03/20			
APPROVED	宋星亮	2024/03/20			
UNIT: mm	SIZE:A4	SHEET:3/3	P/N:		A1
PORJ.		SCALE /	DH-20-xxxSX-03-4xxA		