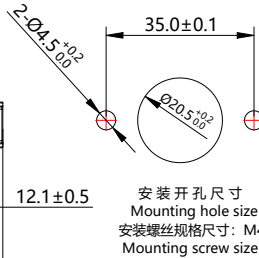
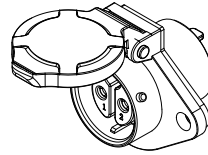
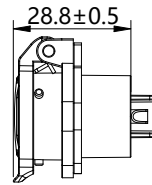
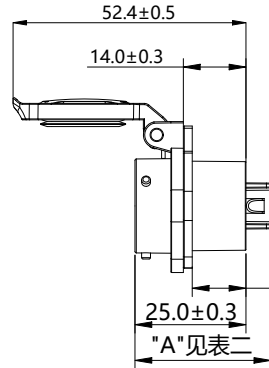
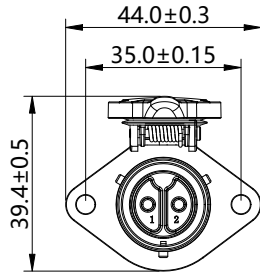


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表一: 电气参数

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		
耐压电压 (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 Termination type	焊接/welding								
插 座 距 离 Pitch	/								
插 入 力 矩 Torque	0.4N.m								
防 护 等 级	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

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 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/MP0/MTF等).

Signal class: USB\HDMI\RJ45\ (optical fiber: LC/FC/SC/ST/MP0/MTF, 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

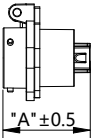
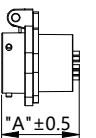
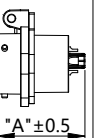
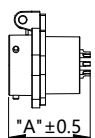
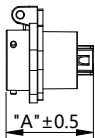
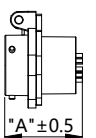
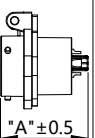
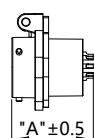
X.X±0.3 X.XX±0.15 X.XXX±0.100 TOLERANCES UNLESS OTHERWISE SPECIFIED			X°±3° X.X°±1.0° 未注圆角R0.2			 深圳市凌科电气有限公司 SHENZHEN LINKO ELECTRIC CO.,LTD	
DRAWN		杨今心		2024/01/03		TITLE:	
CHECKED		杨武		2024/01/03		YA20型两孔法兰x插座金属款焊接式(隔栏_防呆)	
APPROVED		宋星亮		2024/01/03			
UNIT: mm		SIZE:A4		SHEET:1/2		P/N:	
PORJ.				SCALE /		YA-20-xxxSX-03-2xxA	
						A1	

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										/		A1		初版发行		2024/01/03		杨今心		宋星亮	

ENGINEERING DEPARTMENT

工程部

图档发行

表二(“A” 尺寸对照)									
母端 Female	2芯	3芯	4芯	5芯	7芯	8芯(2+6)	9芯	12芯	14芯
A	30.7	30.7	31.0	29.6	28.1	31.3	29.3	29.3	28.9
									
公端 Male	2芯	3芯	4芯	5芯	7芯	8芯(2+6)	9芯	12芯	14芯
A	31.8	31.8	31.8	30.5	28.8	31.6	28.3	28.3	29.6
									

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	2024/01/03	TITLE:		
CHECKED	杨武	2024/01/03	YA20型两孔法兰x插座金属款焊接式(隔栏_防呆)		
APPROVED	宋星亮	2024/01/03	P/N:		
UNIT: mm	SIZE:A4	SHEET:2/2	YA-20-xxxSX-03-2xxA		
PORJ.		SCALE /	A1		

Xx±0.3 Xx±0.15 X.XX±0.100 未注圆角R0.2			X°±3° X.X°±1.0°			 深圳市凌科电气有限公司 SHENZHEN LINKO ELECTRIC CO.,LTD		
TOLERANCES UNLESS OTHERWISE SPECIFIED						TITLE:		
DRAWN		杨今心		2024/01/03		YA20型两孔法兰x插座金属款焊接式(隔栏_防呆) P/N: YA-20-xxxSX-03-2xxA		
CHECKED		杨武		2024/01/03				
APPROVED		宋星亮		2024/01/03				
UNIT: mm		SIZE:A4		SHEET:2/2				
PORJ.				SCALE /		A1		