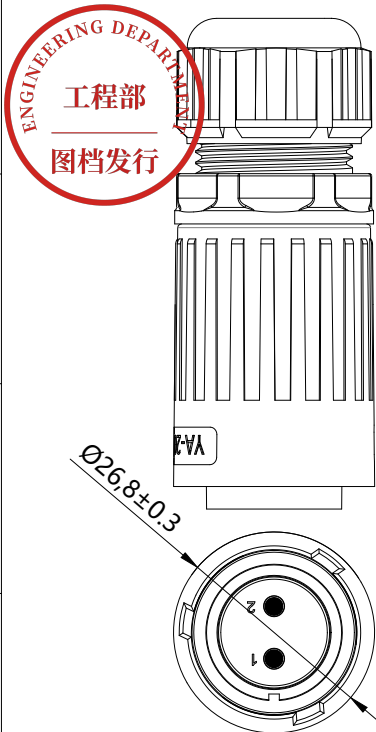


THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN LINKO ELECTRIC PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM LINKO CORP.

1 2 3 4 5 6 7 8 9 10  
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表一：电气参数

| 芯数                                          | 2芯                                                                                     | 3芯 | 4芯           | 5芯                      | 7芯            | 9芯                       | 12芯            |
|---------------------------------------------|----------------------------------------------------------------------------------------|----|--------------|-------------------------|---------------|--------------------------|----------------|
| 公端<br>Male                                  |                                                                                        |    |              |                         |               |                          |                |
| 母端<br>Female                                |                                                                                        |    |              |                         |               |                          |                |
| 额定电流<br>Rated current                       | 20A                                                                                    |    |              | 10A                     |               | 5A                       |                |
| 额定电压<br>Rated voltage                       |                                                                                        |    |              | 500V AC                 |               | 250V AC                  |                |
| 耐压 (Max)<br>Dielectric Withstanding voltage |                                                                                        |    |              | 2000V AC                |               | 1500V AC                 |                |
| 接触电阻 (Max)<br>Contact resistance            | 1. 0mΩ                                                                                 |    |              | 3. 0mΩ                  |               | 5. 0mΩ                   |                |
| 绝缘电阻 (Min)<br>Insulation resistance         |                                                                                        |    |              | 500MΩ                   |               |                          |                |
| 线 规<br>Wire gauge                           | 2. 5~4. 0mm² / 14~12AWG                                                                |    |              | 1. 0~1. 5mm² / 18~16AWG |               | 0. 34~0. 5mm² / 22~20AWG |                |
| 接线方式<br>Terminal Type                       | 焊接/welding                                                                             |    |              |                         |               |                          |                |
| 线 缆 直 径<br>Cable Ø                          | □φ5.0~φ6.5mm                                                                           |    | □φ6.5~φ8.5mm |                         | □φ8.5~φ10.0mm |                          | □φ10.0~φ12.0mm |
| 紧固扭矩<br>Tightening torque                   | 2.0N.M                                                                                 |    |              |                         |               |                          |                |
| 防护等级<br>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)<br>Operating cycles              | 500次                                                                                   |    |              |                         |               |                          |                |
| 工作温度<br>Operating temperature               | -25℃ ~ +85℃(标准塑胶款/Standard Plastic shell); -40℃ ~ +85℃(定制塑胶款/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=单孔直插插座 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<br>X°±3° X.X°±1.0° 未注圆角R0.2<br>TOLERANCES UNLESS OTHERWISE SPECIFIED |         |            | <br>深圳市凌科电气有限公司<br>SHENZHEN LINKO ELECTRIC CO.,LTD |  |
| DRAWN                                                                                              | 杨今心     | 2024/01/03 | TITLE:                                             |  |
| CHECKED                                                                                            | 杨武      | 2024/01/03 | YA20型x插头塑胶+金属款焊接式                                  |  |
| APPROVED                                                                                           | 宋星亮     | 2024/01/03 | P/N:                                               |  |
| UNIT: mm                                                                                           | SIZE:A4 | SHEET:1/1  | YA-20-xxxPE-01-0xx                                 |  |
| PORJ.                                                                                              |         | SCALE /    | A1                                                 |  |