

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55℃~150℃  
 Humidity(max)/最大潮湿 : <=95% [at 60 deg C / 140 F]  
 Shielding /屏蔽性能 : 75dB(10MHz) 40dB(1GHz)  
 Salt Spray Corrosion/盐雾 : 96hr

Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]  
 Shock Resistance/冲击 : 100g[6ms]  
 Endurance (Shell)/机械寿命 : 5000+  
 Cable/配接电缆:  $\phi$ 5.1mm- $\phi$ 6.0mm

2. 电气性能

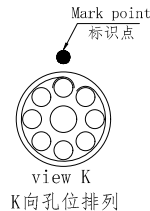
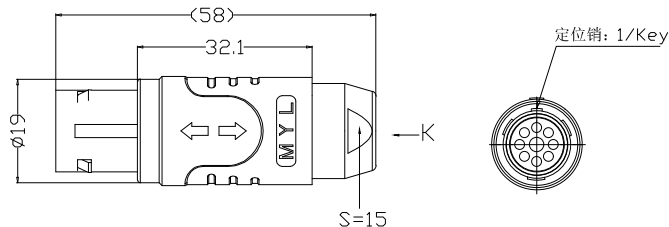
Insert Configuration/针芯配置: 3BP.309 9Low Voltage  
 Pin Size/接触件直径:  $\phi$ 2.0/1.3mm  
 Contact resistance接触电阻:  $\leq$ 3.5m $\Omega$ ,  $\leq$ 5m $\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1350V(AC)  
 Rated working current额定工作电流: 15.0/6.0A

Other Specification/其它规格:

Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质: 铜电镀  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级 : IP50

\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

| REV/版本 | DESCRIPTION/变更内容 | DATE/日期 | DRAWN BY/绘制 |
|--------|------------------|---------|-------------|
|        |                  |         |             |



|   |            |
|---|------------|
| DRAWN BY:<br>绘图: P003                   | 2024.05.28 |
| CHECKED BY:<br>审核: Z01                  | 2024.05.28 |
| APPROVED BY:<br>核准: P005                | 2024.05.28 |
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED) |            |
| $\leq$ 10 $\pm$ 0.1                     |            |
| $<$ 10° $\leq$ 20 $\pm$ 0.15            |            |
| $<$ 20° $\leq$ 50 $\pm$ 0.3             |            |
| Angle $\pm$ 1°                          |            |

|              |                 |  |                 |
|--------------|-----------------|--|-----------------|
|              |                 | 美易连电子科技(深圳)有限公司<br>Meiyilian electronic technology(shenzhen)Co.,Ltd.       |                 |
|              |                 | 单位<br>UNT: mm<br>比例<br>SCALE: 1:1  | 名称<br>PART NAME |
|              | 名称<br>PART NAME | TG-3BP直式插头(不带护套式尾帽)<br>TG-3BP Straight Plug<br>(without Jacketed tail cap) |                 |
| REV/版本<br>A1 | 型号<br>PART NAME | TGG.3BP.309.KWKAD62  |                 |

1

2

<https://www.myconnector.com/>

4

5

<https://www.myconnector.com/>

7

8