

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: Ø8.1mm-Ø9.0mm

2. 电气性能

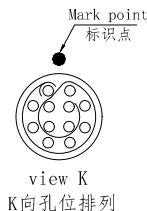
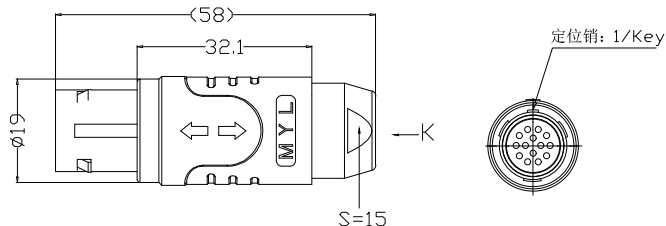
Insert Configuration/针芯配置:3BP.312 12Low Voltage  
 Pin Size/接触件直径:Ø0.9mm  
 Contact resistance接触电阻:≤6mΩ  
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))  
 Withstand voltage/耐电压:1450V(AC)  
 Rated working current额定工作电流:9.0A

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: PPS  
 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/绘图 |
|--------|------------------|---------|-------------|
|        |                  |         |             |



|   |            |
|---|------------|
| 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) |            |
| ≤10 ±0.1                                |            |
| <10° ≤20 ±0.15                          |            |
| <20° ≤50 ±0.3                           |            |
| Angle ±1°                               |            |

|                  |  |                 |
|------------------|--|-----------------|
|                  | <b>美易连电子科技(深圳)有限公司</b><br>Meiyilian electronic technology (shenzhen) Co., Ltd. |                 |
|                  | 单位<br>UNIT: mm   | 名称<br>PART NAME |
| 比例<br>SCALE: 1:1 | 型号<br>PART NAME  |                 |

|                        |                  |                 |  |
|------------------------|------------------|-----------------|--|
| FIRST ANGLE PROJECTION | 比例<br>SCALE: 1:1 | 名称<br>PART NAME | TG-3BP直式插头(不护套套式尾帽)<br>TG-3BP Straight Plug<br>(without jacketed tail cap) |
|                        | 尺寸<br>SIZE: M4   | 型号<br>PART NAME | TGG. 3BP. 312. KWLAD92   |

|        |    |               |
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| REV/版本 | A1 | SHEET: 1 OF 1 |
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