

### 1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度:  $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$   
 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:  $\phi 14.5\text{mm} - \phi 15.4\text{mm}$

### 2. 电气性能

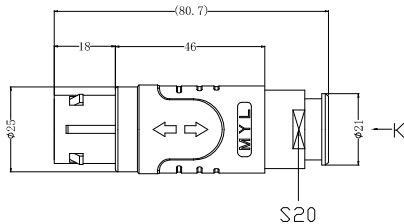
Insert Configuration/针芯配置: 4BP. 310 10Low Voltage  
 Pin Size/接触件直径:  $\phi 1.6\text{mm}$   
 Contact resistance接触电阻:  $\leq 4\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1850V(AC)  
 Rated working current额定工作电流: 17.0A

### Other Specification/其它规格:

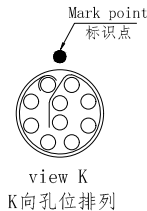
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质: PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PPS  
 IP Rating/防护等级: IP50

\*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/制图 |
|--------|------------------|---------|-------------|
|        |                  |         |             |



定位销: 1/Key



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|--|------------------------|--|---|
| DRAWN BY:<br>绘图: P003 2024.05.28<br>CHECKED BY:<br>审核: Z01 2024.05.28<br>APPROVED BY:<br>核准: P005 2024.05.28   |                        |  美易连电子科技(深圳)有限公司<br>Meiyilian electronic technology(shenzhen)Co.,Ltd. |   |
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED)<br>$\leq 10 \pm 0.1$<br>$< 10^{\circ} \sim 20^{\circ} \pm 0.15$<br>$< 20^{\circ} \sim 50^{\circ} \pm 0.3$<br>Angle $\pm 1^{\circ}$ |                        | 名称<br>PART NAME<br>TGG-4BP直式插头(带护套式尾帽)<br>TGG-4BP Straight Plug<br>(with jacketed tail cap)  | 型号<br>PART NAME<br>TGG. 4BP. 310. KWLAD156Z |
| #公制<br>UNIT: mm<br>比例<br>SCALE: 1: 1<br>尺寸<br>SIZE: A4   | FIRST ANGLE PROJECTION | REV/版本<br>A1   | SHEET: 1 OF 1                               |