

## 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

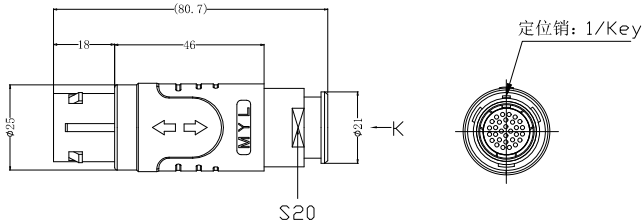
### Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]

Shock Resistance/冲击 : 100g[6ms]

Endurance (Shell)/机械寿命 : 5000+

Cable/配接电缆:  $\phi 10.1\text{mm}-\phi 11.0\text{mm}$



## 2. 电气性能

Insert Configuration/针芯配置: 4BP. 330 30Low Voltage

Pin Size/接触件直径:  $\phi 0.9\text{mm}$

Contact resistance接触电阻:  $\leq 9\text{m}\Omega$

Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))

Withstand voltage/耐电压: 950V(AC)

Rated working current额定工作电流: 5.0A

### Other Specification/其它规格:

Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金

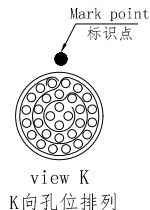
Housing Material/外壳材质 : PEEK

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.



view K  
K向孔位排列

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|--|------------------|---|--|
| DRAWN BY:<br>绘图: P003<br>2024.05.28<br>CHECKED BY:<br>审核: Z01<br>2024.05.28<br>APPROVED BY:<br>核准: P005<br>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>$< 10^{\circ} \leq 20 \pm 0.15$<br>$< 20^{\circ} \leq 50 \pm 0.3$<br>Angle $\pm 1^{\circ}$ | 单位<br>UNIT: mm   | 名称  | TG-4BP直式插头(带护套式尾帽)<br>TG-4BP Straight Plug<br>(with jacketed tail cap) |
|  | 比例<br>SCALE: 1:1 | PART NAME   |  |
| FIRST ANGLE PROJECTION   | 型号<br>SIZE: A4   | 型号  | TGG. 4BP. 330. KWLAD112Z   |
| REV/版本<br>A1   | SHEET: 1 OF 1    | PART NAME   |  |