

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:  $\leq 95\%$  [at  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]  
 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:  $\phi 3.1\text{mm}-\phi 4.0\text{mm}$

2. 电气性能

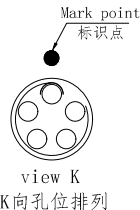
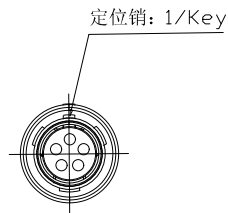
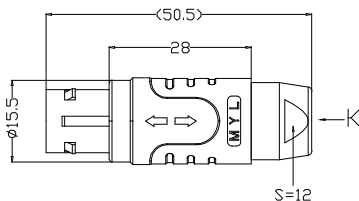
Insert Configuration/针芯配置: 2BP. 305 5Low Voltage  
 Pin Size/接触件直径:  $\phi 1.3\text{mm}$   
 Contact resistance接触电阻:  $\leq 5\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V (DC))  
 Withstand voltage/耐电压: 1750V (AC)  
 Rated working current额定工作电流: 14.0A

Other Specification/其它规格:


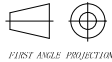
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质: PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PPS  
 IP Rating/防护等级: IP50

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

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



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|--|---|---|--|
| DRAWN BY:<br>绘图: PD03 2024.05.28<br>CHECKED BY:<br>审核: Z01 2024.05.28<br>APPROVED BY:<br>核准: PD05 2024.05.28   |  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>名称<br>PART NAME<br>比例<br>SCALE: 1:1<br>型号<br>PART NAME | TG-2BP直式插头(不带护套式尾帽)<br>TG-2BP Straight Plug<br>(without jacketed tail cap)<br>TGG. 2BP. 305. KWLAD42 |
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED)<br>$\leq 10 \pm 0.1$<br>$< 10^{\circ} \sim 30^{\circ} \pm 0.15$<br>$< 20^{\circ} \sim 50^{\circ} \pm 0.3$<br>Angle $\pm 1^{\circ}$ |  FIRST ANGLE PROJECTION  | SIZE: A4<br>REV/版本: A1<br>SHEET: 1 OF 1                                 | TGG. 2BP. 305. KWLAD42   |