

### 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: $\phi 4.1\text{mm}-\phi 5.0\text{mm}$

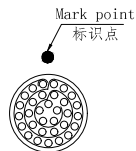
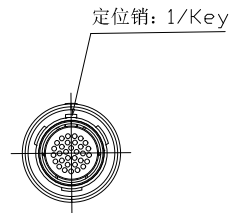
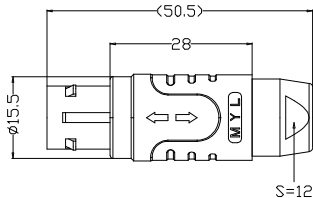
### 2. 电气性能

Insert Configuration/针芯配置:2BP. 332 32Low Voltage  
 Pin Size/接触件直径: $\phi 0.5\text{mm}$   
 Contact resistance接触电阻: $\leq 15\text{m}\Omega$   
 Insulation resistance/绝缘电阻:5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:800V(AC)  
 Rated working current额定工作电流:1.5A

### 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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K向孔位排列

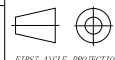
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/制图

DRAWN BY:  
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GENERAL TOLERANCE  
(UNLESS SPECIFIED)  
 $\leq 10 \pm 0.1$   
 $< 10^{\circ} \leq 20 \pm 0.15$   
 $< 20^{\circ} \leq 30 \pm 0.3$   
 Angle  $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

UNIT: mm	名称	TG-2BP直式插头(不带护套式尾帽)
比例 SCALE: 1:1 <td>PART NAME</td> <td>TG-2BP Straight Plug (without jacketed tail cap)</td>	PART NAME	TG-2BP Straight Plug (without jacketed tail cap)
SIZE: A4 <td>型号</td> <td>TGG. 2BP. 332. KWLAD52</td>	型号	TGG. 2BP. 332. KWLAD52
REV/版本 A1	SHEET: 1 OF 1	PART NAME