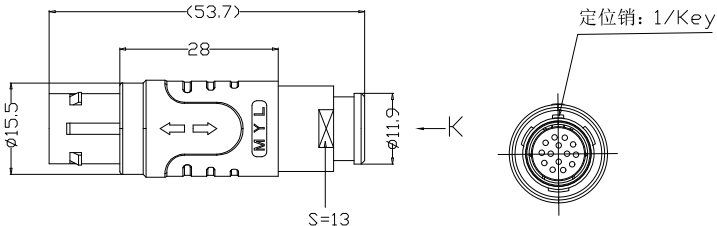


1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55°C~150°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:  $\phi 6.1\text{mm}-\phi 7.0\text{mm}$



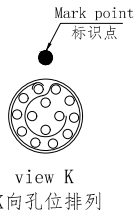
2. 电气性能

Insert Configuration/针芯配置: 2BP. 314 14Low Voltage  
 Pin Size/接触件直径:  $\phi 0.7\text{mm}$   
 Contact resistance接触电阻:  $\leq 12.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1150V(AC)  
 Rated working current额定工作电流: 6.5A

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.

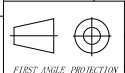


view K  
K向孔位排列

MEIYILIAN 美易连电子科技(深圳)有限公司  
 Meiyilian electronic technology(shenzhen)Co., Ltd.

DRAWN BY: 绘图: P003 2024.05.28  
 CHECKED BY: 审核: Z01 2024.05.28  
 APPROVED BY: 核准: P005 2024.05.28

GENERAL TOLERANCE (UNLESS SPECIFIED)  
 $\leq 10 \pm 0.1$   
 $< 10^\circ \leq 20 \pm 0.15$   
 $< 20^\circ \leq 50 \pm 0.3$   
 Angle  $\pm 1^\circ$



FIRST ANGLE PROJECTION

REV/版本 A1 SHEET: 1 OF 1

|                   |                 |                                                                          |
|-------------------|-----------------|--------------------------------------------------------------------------|
| 单位<br>UNIT: mm    | 名称<br>PART NAME | TG-2BP 直式插头 (带护套式尾帽)<br>TG-2BP Straight Plug<br>(with jacketed tail cap) |
| 比例<br>SCALE: 1: 1 | 型号<br>PART NAME | TGG. 2BP. 314. KWLAD7Z2                                                  |
| SIZE: A4          |                 |                                                                          |