

# 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:  $\phi 5.1\text{mm}-\phi 6.0\text{mm}$

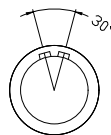
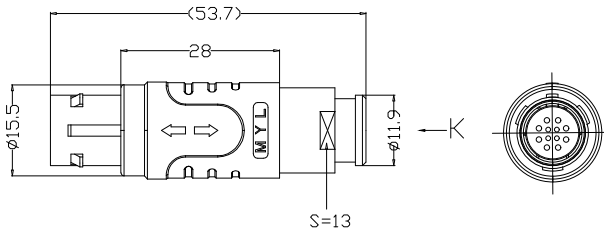
# 2. 电气性能

Insert Configuration/针芯配置: 2BP. 312 12Low 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: 1250V(AC)  
 Rated working current额定工作电流: 7.0A

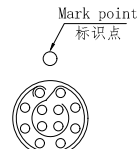
## Other Specification/其它规格:

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: PEEK  
 IP Rating/防护等级: IP50

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



Plug front view  
插头前视图



view K  
K向孔位排列

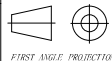
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

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



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

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

单位: mm  
 比例: 1:1

名称: TGA. 2BP. 312. KWKAD62Z

名称: TC-2BP直式插头(带护套式尾帽)  
 TGA. 2BP Straight Plug  
 (with jacketed tail cap)

型号: TGA. 2BP. 312. KWKAD62Z

REV/版本: A1

SHEET: 1 OF 1