

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

2. 电气性能

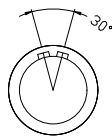
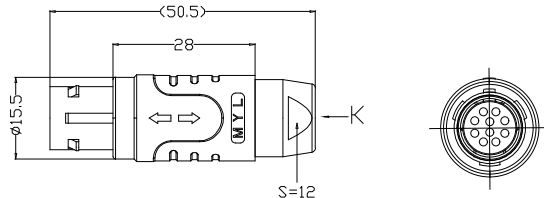
Insert Configuration/针芯配置: 2BP. 310 10Low Voltage  
 Pin Size/接触件直径:  $\phi 0.9\text{mm}$   
 Contact resistance接触电阻:  $\leq 9\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1450V(AC)  
 Rated working current 额定工作电流: 8.0A

Other Specification/其它规格:

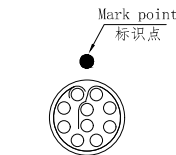
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PPS  
 IP Rating/防护等级 : IP50

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

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



Plug front view  
插头前视图



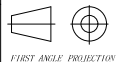
view K  
K向孔位排列

DRAWN BY: 绘图: P003 2024. 05. 28  
 CHECKED BY: 审核: Z01 2024. 05. 28  
 APPROVED BY: 核准: P005 2024. 05. 28



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



FIRST ANGLE PROJECTION

单位  
 UNIT: mm  
 比例  
 SCALE: 1: 1

名称  
 PART NAME

TG-2BP直式插头(不带护套式尾帽)  
 TG-2BP Straight Plug  
 (without jacketed tail cap)

型号  
 PART NAME

TGA. 2BP. 310. KWLAD62

REV/版本

A1

SHEET: 1 OF 1