

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:  $\phi$ 4.1mm- $\phi$ 5.0mm

2. 电气性能

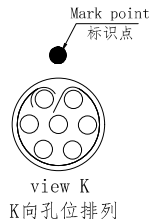
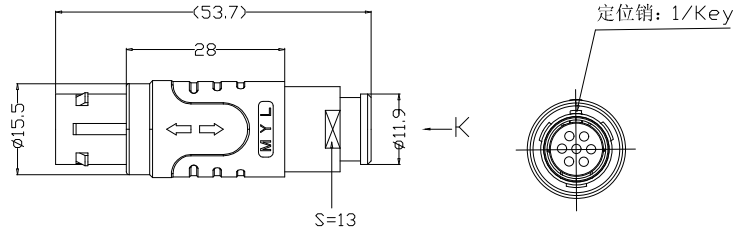
Insert Configuration/针芯配置: 2BP. 307 7Low Voltage  
 Pin Size/接触件直径:  $\phi$ 1.3mm  
 Contact resistance接触电阻:  $\leq$ 5m $\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V (DC))  
 Withstand voltage/耐电压: 1750V (AC)  
 Rated working current额定工作电流: 11.0A

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.

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

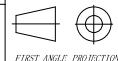


DRAWN BY:  
绘图: PD03 2024. 05. 28  
 CHECKED BY:  
审核: Z01 2024. 05. 28  
 APPROVED BY:  
核准: PD05 2024. 05. 28



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



单位  
UNIT: mm  
 比例  
SCALE: 1:1  
 SIZE: A4

名称  
PART NAME  
 TG-2BP直式插头 (带护套式尾帽)  
 TG-2BP Straight Plug  
 (with jacketed tail cap)

REV/版本  
A1

SHEET: 1 OF 1

型号  
PART NAME  
 TGG. 2BP. 307. KWKAD52Z