

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

### 2. 电气性能

Insert Configuration/针芯配置: 4BP. 307 7Low Voltage

Pin Size/接触件直径:  $\phi 2.0\text{mm}$

Contact resistance接触电阻:  $\leq 3.5\text{m}\Omega$

Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))

Withstand voltage/耐电压: 2000V(AC)

Rated working current额定工作电流: 20.0A

### 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

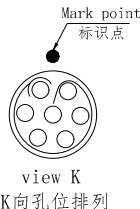
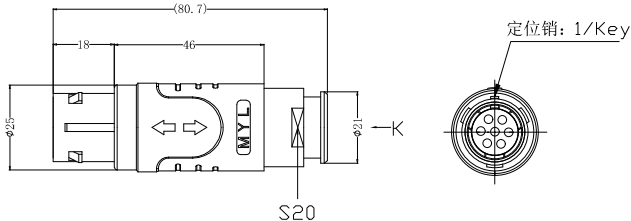
Other Shell Material/其它壳体材质: 铜镀镍

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/制图



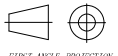
DRAWN BY: 张雨: P003 2024.05.28  
 CHECKED BY: 申核: Z01 2024.05.28  
 APPROVED BY: 核准: P005 2024.05.28



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GENERAL TOLERANCE  
 (UNLESS SPECIFIED)

$\leq 10 \pm 0.1$   
 $< 10^{\circ} \sim \leq 50 \pm 0.15$   
 $< 20^{\circ} \sim \leq 50 \pm 0.3$   
 Angle  $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位  
 UNIT: mm  
 比例  
 SCALE: 1: 1  
 型号  
 SIZE: A1

名称  
 PART NAME

TG-4BP直式插头(带护套式尾帽)  
 TG-4BP Straight Plug  
 (with jacketed tail cap)

REV/版本  
 A1  
 SHEET: 1 OF 1

型号  
 PART NAME

TGG. 4BP. 307. KWKAD62Z