

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:  $\leq 95\%$  [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:  $\phi 11.1\text{mm} - \phi 12.0\text{mm}$

2. 电气性能

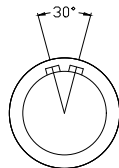
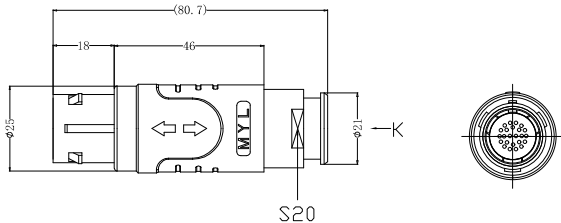
Insert Configuration/针芯配置: 4BP. 324 24Low Voltage  
 Pin Size/接触件直径:  $\phi 0.9\text{mm}$   
 Contact resistance接触电阻:  $\leq 9\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐压: 1200V(AC)  
 Rated working current额定工作电流: 7.0A

Other Specification/其它规格:

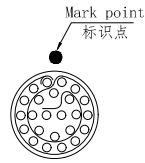
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质: PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级: IP50

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

REV/版本	DESCRIPTION/描述内容	DATE/日期	DRAWN BY/制图



Plug front view  
插头前视图



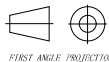
view K  
K向孔位排列

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



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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  
 UNIT: mm  
 比例  
 SCALE: 1:1  
 名称  
 PART NAME  
 型号  
 TYPE

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

TGG. 4BP. 324. KWKAD122Z

REV/版本 A1

SHEET: 1 OF 1  
 PART NAME