

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:  $\phi 10.1\text{mm}\sim\phi 11.0\text{mm}$

2. 电气性能

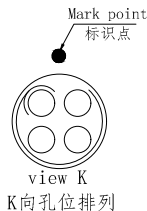
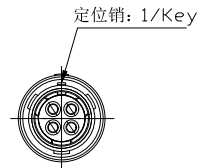
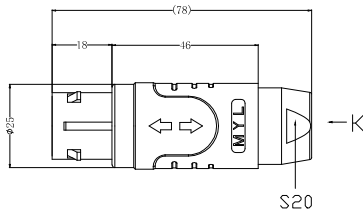
Insert Configuration/针芯配置: 4BP. 304 4Low Voltage  
 Pin Size/接触件直径:  $\phi 3.0\text{mm}$   
 Contact resistance接触电阻:  $\leq 3\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 2100V(AC)  
 Rated working current额定工作电流: 30.0A

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.

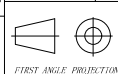
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图



DRAWN BY: 绘图: P003	2024. 05. 28
CHECKED BY: 审核: Z01	2024. 05. 28
APPROVED BY: 核准: P005	2024. 05. 28
GENERAL TOLERANCE (UNLESS SPECIFIED)	
$\leq 10 \pm 0.1$	
$< 10^{\circ} \leq 20 \pm 0.15$	
$20^{\circ} \leq 50 \pm 0.3$	
Angle $\pm 1'$	



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FIRST ANGLE PROJECTION

单位  
UNIT: mm  
比例  
SCALE: 1: 1  
名称  
PART NAME

TG-4BP 直式插头 (不带护套式尾帽)  
 TG-4BP Straight Plug  
 (without jacketed tail cap)

型号  
PART NAME

TGG. 4BP. 304. KWKAD112

REV/版本 A1

SHEET: 1 OF 1