

## 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

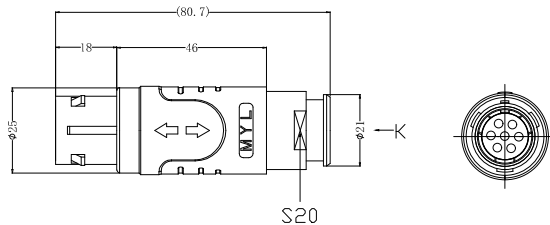
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆:  $\phi 10.1\text{mm} - \phi 11.0\text{mm}$



## 2. 电气性能

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

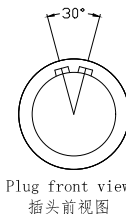
Pin Size/接触件直径:  $\phi 2.0\text{mm}$

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

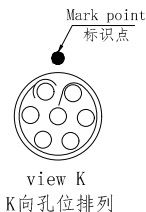
Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))

Withstand voltage/耐电压: 2000V(AC)

Rated working current额定工作电流: 20.0A



Plug front view  
插头前视图



view K  
K向孔位排列

Other Specification/其它规格:

Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金


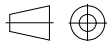
Housing Material/外壳材质: PEEK

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.

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CHECKED BY: 审核: Z01		2024.05.28		
APPROVED BY: 核准: PDD05		2024.05.28		
GENERAL TOLERANCE (UNLESS SPECIFIED)		 单位 UNIT: mm 比例 SCALE: 1: 1 名称 PART NAME TGA-4BP 直式插头 (带护套式尾帽) TG-4BP Straight Plug (with jacketed tail cap)		型号 PART NAME TGA. 4BP. 307. KWKAD112Z
$\leq 10 \pm 0.1$ $< 10^{\circ} \leq 20 \pm 0.15$ $< 20^{\circ} \leq 50 \pm 0.3$ Angle $\pm 1^{\circ}$		SIZE: A4 REV/版本 A1 SHEET: 1 OF 1		