

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  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]  
 Shielding / 屏蔽性能:  $75\text{dB} (10\text{MHz}) \quad 40\text{dB} (1\text{GHz})$   
 Salt Spray Corrosion / 盐雾:  $96\text{hr}$

Mechanical data / 机械特性:

Vibration / 振动:  $15\text{g} [10\text{Hz} \sim 2000\text{Hz}]$   
 Shock Resistance / 冲击:  $100\text{g} [6\text{ms}]$   
 Endurance (Shell) / 机械寿命:  $5000+$   
 Cable / 配接电缆:  $\phi 7.1\text{mm} - \phi 8.0\text{mm}$

2. 电气性能

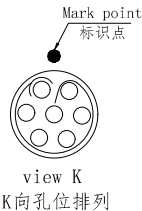
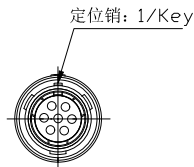
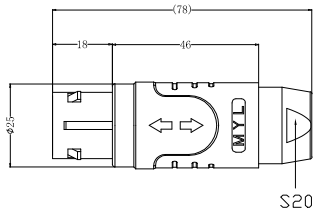
Insert Configuration / 针芯配置:  $4\text{BP. } 307 \text{ 7Low Voltage}$   
 Pin Size / 接触件直径:  $\phi 2.0\text{mm}$   
 Contact resistance / 接触电阻:  $\leq 3.5\text{m}\Omega$   
 Insulation resistance / 绝缘电阻:  $5000\text{M}\Omega$  (测试电压  $500\text{V} (\text{DC})$ )  
 Withstand voltage / 耐电压:  $2000\text{V} (\text{AC})$   
 Rated working current / 额定工作电流:  $20.0\text{A}$

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: 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) $\leq 10 \pm 0.1$ $< 10^{\circ} \sim 20^{\circ} \pm 0.15$ $< 20^{\circ} \sim 50^{\circ} \pm 0.3$ Angle $\pm 1^{\circ}$	FIRST ANGLE PROJECTION	单位 UNIT: mm	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)
		比例 SCALE: 1:1	型号 PART NAME	
REV/版本	A1	SIZE: A4	SHEET: 1 OF 1	TGG. 4BP. 307. KWKAD82