

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

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: $\phi 1.1\text{mm} - \phi 12.0\text{mm}$

2. 电气性能

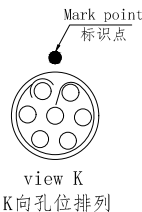
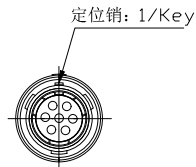
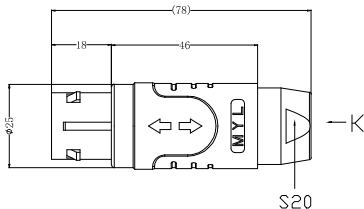
Insert Configuration/针芯配置: $4\text{BP. } 307 \text{ 7Low Voltage}$
 Pin Size/接触件直径: $\phi 2.0\text{mm}$
 Contact resistance接触电阻: $\leq 3.5\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)
 Withstand voltage/耐电压: $2000\text{V}(\text{AC})$
 Rated working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

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.

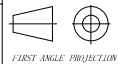
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/设计



美易连电子科技(深圳)有限公司
 Meiyilian electronic technology(shenzhen)Co.,Ltd.

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 $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位
 UNIT: mm
 比例
 SCALE: 1:1
 尺寸
 SIZE: A4

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.307.KWKAD122

REV/版本

A1

SHEET: 1 OF 1