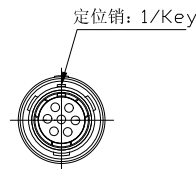
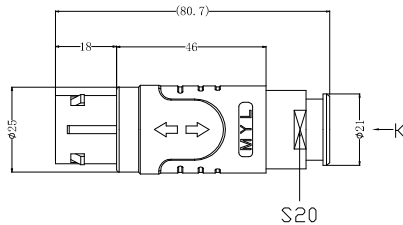


1. Product main performance / 产品主要性能指标:

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

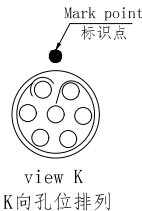
Mechanical data / 机械特性:

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



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: $5000\text{M}\Omega$ (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/绘制

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 CHECKED BY: 审核: Z01 2024.05.28
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GENERAL TOLERANCE
(UNLESS SPECIFIED)

$\leq 10 \quad \pm 0.1$
 $< 10^{\circ} \sim 30^{\circ} \quad \pm 0.15$
 $< 20^{\circ} \sim 50^{\circ} \quad \pm 0.3$
 Angle $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位
UNIT: mm
比例
SCALE: 1:1

名称
PART NAME

型号
PART NAME

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

TGG.4BP.307.KWKAD112Z

REV/版本 A1

SHEET: 1 OF 1