

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: $\leq 95\%$ [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: 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: $\phi 9.1\text{mm} - \phi 10.0\text{mm}$

2. 电气性能

Insert Configuration/针芯配置: 3BP.309 9Low Voltage

Pin Size/接触件直径: $\phi 2.0/1.3\text{mm}$

Contact resistance接触电阻: $\leq 3.5\text{m}\Omega, \leq 5\text{m}\Omega$

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

Withstand voltage/耐压: $1350\text{V}(\text{AC})$

Rated working current额定工作电流: $15.0/6.0\text{A}$

Other Specification/其它规格:

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

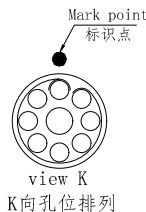
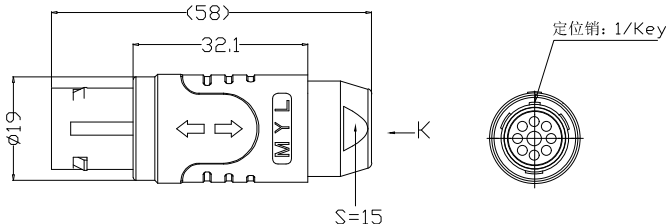
Housing Material/外壳材质: PEEK


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.



DRAWN BY: 绘图: P003 2024.05.28 CHECKED BY: 审核: Z01 2024.05.28 APPROVED BY: 核准: P005 2024.05.28		 美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd.	
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 $\pm 1^{\circ}$		单位 UNIT: mm 比例 SCALE: 1:1 SIZE: A4 SHEET: 1 OF 1	名称 PART NAME TGG-3BP直式插头(不带护套式尾帽) TG-3BP Straight Plug (without jacketed tail cap)
REV/版本 A1 https://www.myconnector.com/		型号 PART NAME TGG.3BP.309.KWKAD102	第一角投影 FIRST ANGLE PROJECTION