

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: $\phi 9.1\text{mm} - \phi 10.0\text{mm}$

2. 电气性能

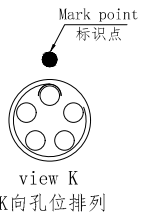
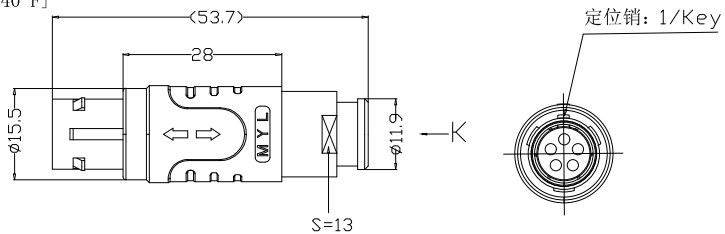
Insert Configuration/针芯配置: 2BP.305 5Low Voltage
 Pin Size/接触件直径: $\phi 1.3\text{mm}$
 Contact resistance接触电阻: $\leq 5\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压500V(DC))
 Withstand voltage/耐电压: 1750V(AC)
 Rated working current额定工作电流: 14.0A


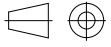
Other Specification/其它规格:

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/变更项目	DATE/日期	DRAWN BY/绘图



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.	单位 UNIT: mm 名称 TC-2BP 直式插头 (带护套式尾帽) 比例 SCALE: 1: 1 PART NAME 型号 TGG. 2BP. 305. KWKAD102Z PART NAME	
		名称 型号 PART NAME	比例 型号 PART NAME
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^{\circ} \sim 30^{\circ} \pm 0.15$ $< 20^{\circ} \sim 90^{\circ} \pm 0.3$ Angle $\pm 1^{\circ}$	 FIRST ANGLE PROJECTION	单位 UNIT: mm 比例 SCALE: 1: 1 名称 型号 PART NAME	名称 型号 PART NAME
REV/版本 A1	SHEET: 1 OF 1	名称 型号 PART NAME	名称 型号 PART NAME