

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: $15\text{g}[10\text{Hz} \sim 2000\text{Hz}]$
 Shock Resistance/冲击: $100\text{g}[6\text{ms}]$
 Endurance (Shell)/机械寿命: 5000+
 Cable/配接电缆: $\phi 3.1\text{mm} - \phi 4.0\text{mm}$

2. 电气性能

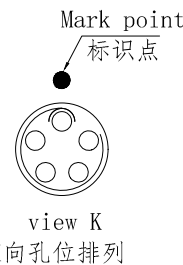
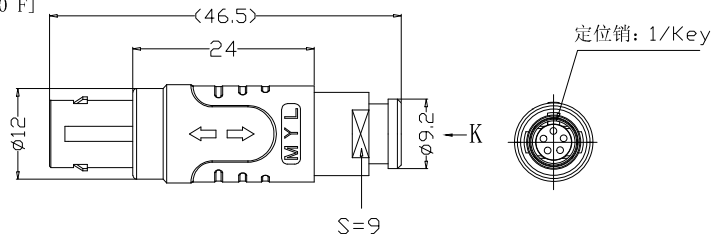
Insert Configuration/针芯配置: 1BP. 305 5Low Voltage
 Pin Size/接触件直径: $\phi 0.9\text{mm}$
 Contact resistance接触电阻: $\leq 9\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压500V(DC))
 Withstand voltage/耐电压: 1250V(AC)
 Rated working current额定工作电流: 9.0A

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/绘图



DRAWN BY: 绘图: P003 CHECKED BY: 审核: Z01 APPROVED BY: 核准: P003	2024. 05. 28 2024. 05. 28 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 PART NAME TG-1BP 直式插头 (带护套式尾帽) TG-1BP Straight Plug (with jacketed tail cap)
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^{\circ} \leq 20^{\circ} \pm 0.15$ $< 20^{\circ} \leq 50^{\circ} \pm 0.3$ Angle $\pm 1^{\circ}$	FIRST ANGLE PROJECTION 比例 SCALE: 1: 1 型号 PART NAME TGG. 1BP. 305. KWKAD42Z		
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