

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: $\phi 6.1\text{mm} - \phi 7.0\text{mm}$

2. 电气性能

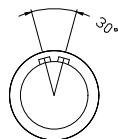
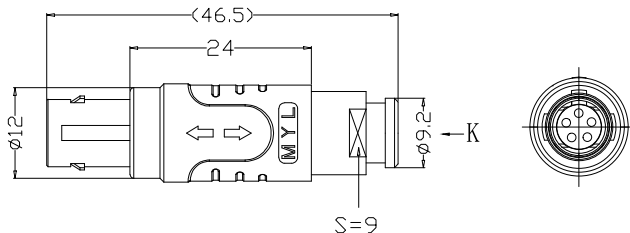
Insert Configuration/针芯配置: 1BP. 305 5Low Voltage
 Pin Size/接触件直径: $\phi 0.9\text{mm}$
 Contact resistance/接触电阻: $\leq 9\text{m}\Omega$
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 1250V(AC)
 Rated working current/额定工作电流: 9.0A

Other Specification/其它规格:

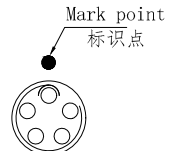
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质: PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级: IP50

*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.


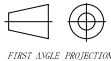
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/制图
--------	------------------	---------	-------------



Plug front view
插头前视图



view K
K向孔位排列

DRAWN BY: 绘图: P003 2024.05.28		 美易连电子科技(深圳)有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd.		名称 PART NAME		TG-1BP直式插头(带护套式尾帽) TG-1BP Straight Plug (with jacketed tail cap)		
CHECKED BY: 审核: Z01 2024.05.28				单位 UNIT: mm			型号 PART NAME	
APPROVED BY: 核准: P005 2024.05.28		 FIRST ANGLE PROJECTION		比例 SCALE: 1: 1		TGA. 1BP. 305. KWKAD72Z		
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^{\circ} \leq 20 \pm 0.15$ $< 20^{\circ} \leq 50 \pm 0.3$ Angle $\pm 1^{\circ}$				SIZE: A4			SHEET: 1 OF 1	
				REV/版本 A1				