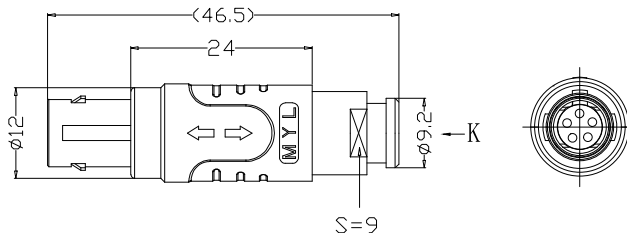


1. Product main performance / 产品主要性能指标:

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: $\phi 3.1\text{mm} - \phi 4.0\text{mm}$



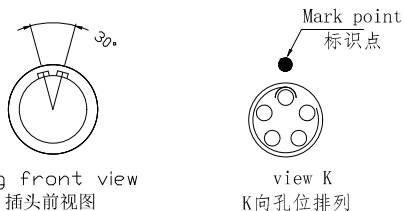
2. 电气性能

Insert Configuration / 针芯配置: IBP. 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 $500\text{V}(\text{DC})$)
 Withstand voltage / 耐电压: $1250\text{V}(\text{AC})$
 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: PPS
 IP Rating / 防护等级: IP50

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

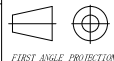


DRAWN BY:
绘图: PD03 2024.05.28
 CHECKED BY:
审核: Z01 2024.05.28
 APPROVED BY:
核准: PD05 2024.05.28



美易连电子科技(深圳)有限公司
 Meiyilian electronic technology (shenzhen) Co., Ltd.

GENERAL TOLERANCE
(UNLESS SPECIFIED)
 $\leq 10 \pm 0.1$
 $< 10 \sim \leq 20 \pm 0.15$
 $< 20 \sim \leq 50 \pm 0.3$
 Angle $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位
UNIT: mm
 比例
SCALE: 1:1

名称
PART NAME

型号
PART NAME

REV/版本
A1

SHEET: 1 OF 1

TG-1BP 直式插头 (带护套式尾帽)
 TG-1BP Straight Plug
 (with jacketed tail cap)

TGA. 1BP. 305. KWLAD42Z