

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 $60 \text{ deg C} / 140 \text{ F}$]
 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: $\phi 4.4\text{mm} - \phi 5.3\text{mm}$

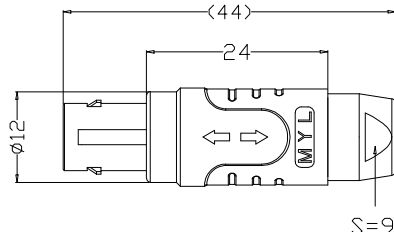
2. 电气性能

Insert Configuration/针芯配置: $1\text{BP}. 316 \text{ 16Low Voltage}$
 Pin Size/接触件直径: $\phi 0.5\text{mm}$
 Contact resistance接触电阻: $\leq 15\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)
 Withstand voltage/耐电压: $750\text{V}(\text{AC})$
 Rated working current额定工作电流: 1.5A

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.



定位销: 1/Key

S=9

Mark point
标识点



view K
K向孔位排列

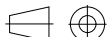


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GENERAL TOLERANCE
(UNLESS SPECIFIED)

$\leq 10 \quad \pm 0.1$
 $< 10^{\circ} \sim \leq 30^{\circ} \quad \pm 0.15$
 $< 20^{\circ} \sim \leq 50^{\circ} \quad \pm 0.3$
 Angle $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位

UNIT: mm

名称

PART NAME

比例

SCALE: 1:1

型号

PART NAME

TG-1BP直式插头(不带护套式尾帽)
 TG-1BP Straight Plug
 (without jacketed tail cap)

TGG. 1BP. 316. KWKAD58

REV/版本

A1

SHEET: 1 OF 1