

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55℃~150℃
 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: Ø3.1mm-Ø4.0mm

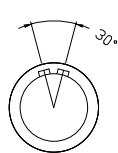
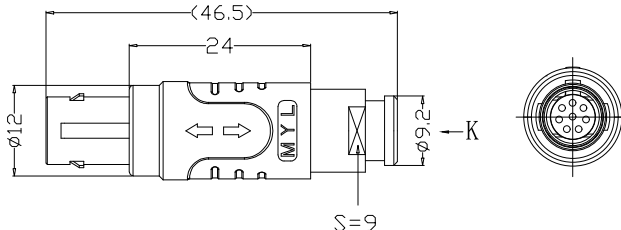
2. 电气性能

Insert Configuration/针芯配置: 1BP.308 8Low Voltage
 Pin Size/接触件直径: Ø0.7mm
 Contact resistance接触电阻: <=12.5mΩ
 Insulation resistance/绝缘电阻: 5000MΩ (测试电压500V(DC))
 Withstand voltage/耐电压: 950V(AC)
 Rated working current额定工作电流: 5.0A

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.



Plug front view
插头前视图



view K
K向孔位排列

DRAWN BY:
绘图: P003 2024.05.28
CHECKED BY:
审核: Z01 2024.05.28
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GENERAL TOLERANCE
(UNLESS SPECIFIED)
 ≤10 ±0.1
 <10 ~ ≤20 ±0.15
 <20 ~ ≤50 ±0.3
 Angle ±1°



FIRST ANGLE PROJECTION

单位
UNIT: mm
比例
SCALE: 1:1
SIZE: A4
REV/版本 A1 SHEET: 1 OF 1

名称
PART NAME
型号
PART NAME

TG-1BP直式插头(带护套式尾帽)
TG-1BP Straight Plug
(with jacketed tail cap)
TGA. 1BP. 308. KWKAD42Z