

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55°C~150°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: ϕ 3.1mm- ϕ 4.0mm

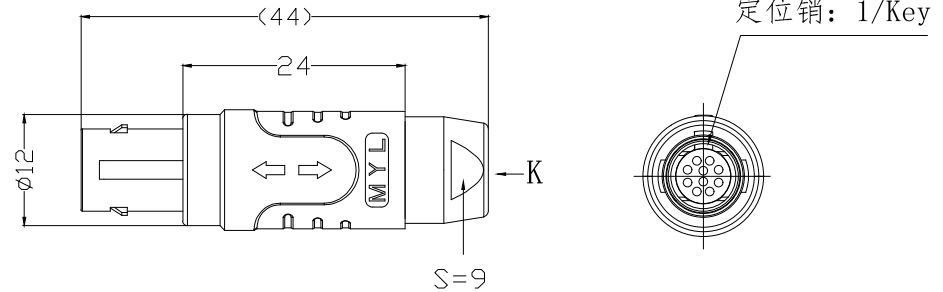
2. 电气性能

Insert Configuration/针芯配置: 1BP. 310 10Low Voltage
 Pin Size/接触件直径: ϕ 0.5mm
 Contact resistance接触电阻: \leq 15m Ω
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 900V(AC)
 Rated working current额定工作电流: 2.5A

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: PPS
 IP Rating/防护等级 : IP50

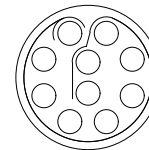
*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.



定位销: 1/Key

Mark point

标识点



view K

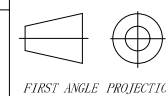
K向孔位排列

DRAWN BY:
绘图: Z01 2024. 6. 17
CHECKED BY:
审核: Z01 2024. 6. 17
APPROVED BY:
核准: PD05 2024. 6. 17



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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

SIZE: A4

SHEET: 1 OF 1

名称

PART NAME

型号

PART NAME

TGG-1BP直式插头
(不带护套式尾冒)

TGG. 1BP. 310. KWLD42

REV/版本

A1