

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: ϕ 5.1mm- ϕ 6.0mm

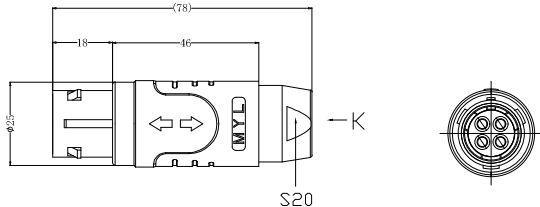
2. 电气性能

Insert Configuration/针芯配置: 4BP. 304 4Low Voltage
 Pin Size/接触件直径: ϕ 3.0mm
 Contact resistance接触电阻: \leq 3m Ω
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 2100V(AC)
 Rated working current额定工作电流: 30.0A

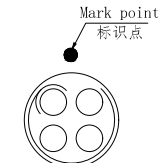
Other Specification/其它规格:

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.



Plug front view
插头前视图



view K
K向孔位排列

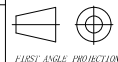
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

DRAWN BY:
绘图: P003 2024.05.28
 CHECKED BY:
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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°



FIRST ANGLE PROJECTION

REV/版本 A1

单位
UNIT: mm

比例
SCALE: 1:1

SIZE: A4

SHEET: 1 OF 1

名称
PART NAME

型号
PART NAME

TG-4BP 直式插头 (不带护套式尾帽)
 TG-4BP Straight Plug
 (without jacketed tail cap)

TGA. 4BP. 304. KWLAD62