

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: Ø4.1mm-Ø5.0mm

2. 电气性能

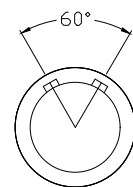
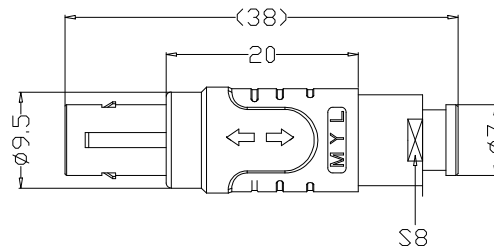
Insert Configuration/针芯配置:0BP.302 2Low Voltage
 Pin Size/接触件直径:Ø0.9mm
 Contact resistance接触电阻:≤9mΩ
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))
 Withstand voltage/耐电压:1300V(AC)
 Rated working current额定工作电流:10.0A

Other Specification/其它规格:

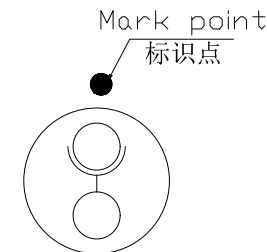
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质 : PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级 : IP50

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

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

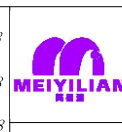


Plug front view
插头前视图



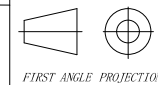
view K
K向孔位排列

DRAWN BY:
绘图:PDO3 2024.05.28
 CHECKED BY:
审核:Z01 2024.05.28
 APPROVED BY:
核准:PDO5 2024.05.28



美易连电子科技(深圳)有限公司
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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
UNT: mm

比例
SCALE: 1:1

SIZE: A4

名称
PART NAME

型号
PART NAME

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

TGB.0BP.302.KWKAD52Z

REV/版本

A1

SHEET:1 OF 1