

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 4.4mm- ϕ 5.3mm

2. 电气性能

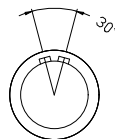
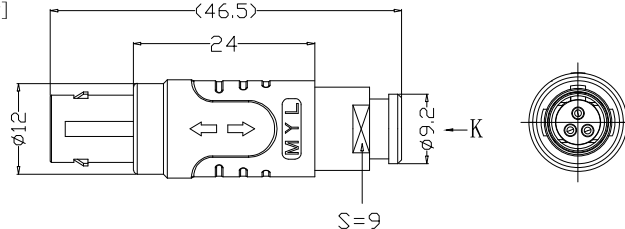
Insert Configuration/针芯配置: 1BP. 303 3Low Voltage
 Pin Size/接触件直径: ϕ 1.3mm
 Contact resistance接触电阻: \leq 5m Ω
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 1300V(AC)
 Rated working current额定工作电流: 12.0A

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.

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



Plug front view
插头前视图



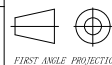
view K
K向孔位排列

DRAWN BY:
绘图: PDD3 2024. 05. 28
 CHECKED BY:
审核: ZOI 2024. 05. 28
 APPROVED BY:
核准: PDD5 2024. 05. 28



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GENERAL TOLERANCE
(UNLESS SPECIFIED)
 \leq 10 \pm 0.1
 $<$ 10° \leq 20 \pm 0.15
 $<$ 20° \leq 40 \pm 0.3
 Angle \pm 1°



FIRST ANGLE PROJECTION

单位
UNIT: mm
 名称
比例
SCALE: 1: 1
 型号
SIZE: A4

名称
PART NAME
 型号
PART NAME
 TGA. 1BP. 303. KWLAD58Z

REV/版本 A1 SHEET: 1 OF 1