

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 13.1mm- ϕ 14.0mm

2. 电气性能

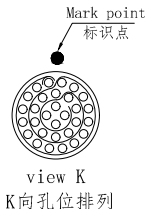
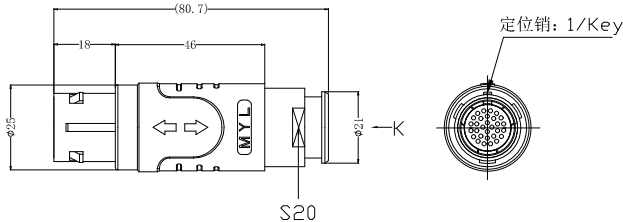
Insert Configuration/针芯配置:4BP.330 30Low Voltage
 Pin Size/接触件直径: ϕ 0.9mm
 Contact resistance接触电阻: \leq 9m Ω
 Insulation resistance/绝缘电阻:5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压:950V(AC)
 Rated working current额定工作电流:5.0A

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: 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/更改内容	DATE/日期	DRAWN BY/绘图



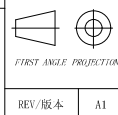
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DRAWN BY:
绘图: P003 2024.05.28
 CHECKED BY:
审核: Z01 2024.05.28
 APPROVED BY:
核准: P005 2024.05.28



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GENERAL TOLERANCE
(UNLESS SPECIFIED)
 ≤ 10 ± 0.1
 $10 < \leq 20$ ± 0.15
 $20 < \leq 50$ ± 0.3
 Angle $\pm 1^\circ$



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

名称
PART NAME
 型号
PART NAME
 TGG-4BP直式插头(带护套式尾帽)
 TG-4BP Straight Plug
 (with jacketed tail cap)
 TGG. 4BP. 330. KWLAD142Z