

I. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: $-55^{\circ}\text{C}\sim 150^{\circ}\text{C}$
 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: $\phi 10.1\text{mm}\sim\phi 11.0\text{mm}$

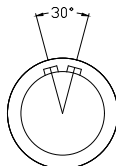
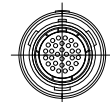
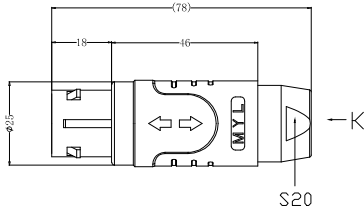
2. 电气性能

Insert Configuration/针芯配置: 4BP.330 30Low Voltage
 Pin Size/接触件直径: $\phi 0.9\text{mm}$
 Contact resistance接触电阻: $\leq 9\text{m}\Omega$
 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

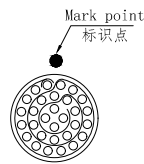
Other Specification/其它规格:

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.



Plug front view
插头前视图



view K
K向孔位排列

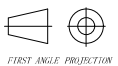
REV/版本	DESCRIPTION/描述内容	DATE/日期	DRAWN BY/绘图

DRAWN BY: 绘图: PPO3	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 批准: PPO5	2024.05.28



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GENERAL TOLERANCE (UNLESS SPECIFIED)	≤ 10 ± 0.1 $< 10^{\circ} \sim \leq 20$ ± 0.15 $< 20^{\circ} \sim \leq 30$ ± 0.3 Angle $\pm 1^{\circ}$
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REV/版本	A1
SHEET: 1 OF 1	

名称 PART NAME	TG-4BP直式插头(不带护套式尾帽) TG-4BP Straight Plug (without jacketed tail cap)
型号 PART NAME	TGG.4BP.330.KWLAD112

