

1. 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: $\leq 95\%$ [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: $\phi 3.4\text{mm}-\phi 4.3\text{mm}$

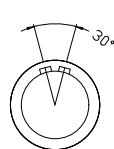
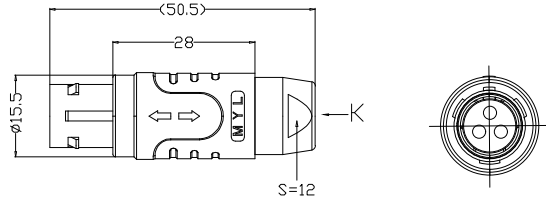
2. 电气性能

Insert Configuration/针芯配置: 2BP. 303 3Low Voltage
 Pin Size/接触件直径: $\phi 1.6\text{mm}$
 Contact resistance接触电阻: $\leq 4\text{m}\Omega$
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐压: 2400V(AC)
 Rated working current额定工作电流: 17.0A

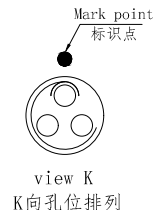
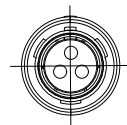
Other Specification/其它规格:

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.



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

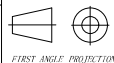
DRAWN BY:
绘图: P003 2024.05.28
 CHECKED BY:
审核: Z01 2024.05.28
 APPROVED BY:
核准: F003 2024.05.28



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GENERAL TOLERANCE
(UNLESS SPECIFIED)

$\leq 10 \pm 0.1$
 $10^{\circ} \sim 20 \pm 0.15$
 $20^{\circ} \sim 50 \pm 0.3$
 Angle $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位
(UNIT): mm
 比例
(SCALE): 1:1

名称
(PART NAME)

型号
(PART NAME)

REV/版本

A1

SHEET: 1 OF 1

名称
TC-2BP 直式插头 (不带护套式尾帽)
TC-2BP Straight Plug
(without jacketed tail cap)

型号
TGA. 2BP. 303. KWK4D5