

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 $60\text{ deg C} / 140\text{ F}$]

Shielding /屏蔽性能: $75\text{dB}(10\text{MHz})\ 40\text{dB}(1\text{GHz})$

Salt Spray Corrosion/盐雾: 96hr

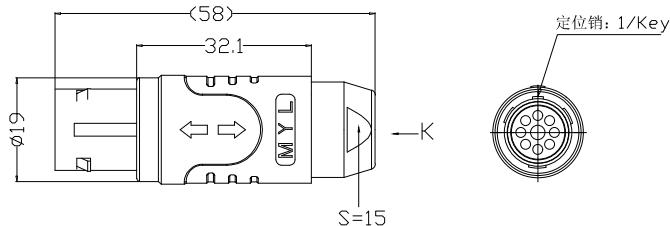
Mechanical data/机械特性:

Vibration/振动: $15\text{g}[10\text{Hz}\sim 2000\text{Hz}]$

Shock Resistance/冲击: $100\text{g}[6\text{ms}]$

Endurance (Shell)/机械寿命: $5000+$

Cable/配接电缆: $\phi 6.1\text{mm}-\phi 7.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: $3\text{BP}.309\ 9\text{Low Voltage}$

Pin Size/接触件直径: $\phi 2.0/1.3\text{mm}$

Contact resistance接触电阻: $\leq 3.5\text{m}\Omega, \leq 5\text{m}\Omega$

Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)

Withstand voltage/耐电压: $1350\text{V}(\text{AC})$

Rated working current额定工作电流: $15.0/6.0\text{A}$

Other Specification/其它规格:

Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金

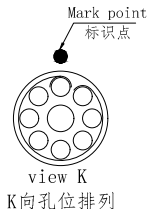
Housing Material/外壳材质: PEEK

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.



view K
K向孔位排列

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



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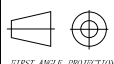
GENERAL TOLERANCE
(UNLESS SPECIFIED)

$\leq 10 \pm 0.1$

$< 10^{\circ} \sim 20^{\circ} \pm 0.15$

$< 20^{\circ} \sim 50^{\circ} \pm 0.3$

Angle $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位
UNIT: mm

名称
PART NAME

比例
SCALE: 1: 1

型号
PART NAME

尺寸
SIZE: A1

图号
PART NAME

REV/版本
A1

张数
SHEET: 1 OF 1

TG-3BP直式插头(不带护套式尾帽)
TG-3BP Straight Plug
(without jacketed tail cap)

型号
TGG. 3BP. 309. KWLAD72