

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

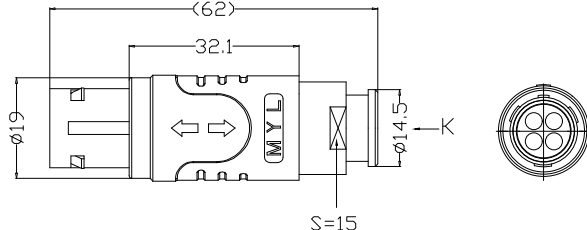
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆: $\phi 10.1\text{mm} - \phi 11.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 3BP, 304 4Low Voltage

Pin Size/接触件直径: $\phi 2.0\text{mm}$

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

Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))

Withstand voltage/耐电压: 1450V(AC)

Rated working current额定工作电流: 19.0A

Other Specification/其它规格:

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

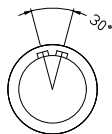
Housing Material/外壳材质: PEEK

Other Shell Material/其它壳体材质: 铜镀镍

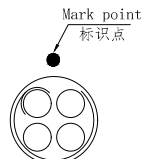
Insulator material/绝缘体材料: PEEK

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/制图 |
| | | | |

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)
 $\leq 10 \pm 0.1$
 $< 10^{\circ} \sim 20^{\circ} \pm 0.15$
 $< 20^{\circ} \sim 30^{\circ} \pm 0.3$
Ang Ic $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

REV/版本 A1
SHEET: 1 OF 1

单位
UNITS: mm
比例
SCALE: 1: 1

名称
PART NAME
型号
PART NAME

TG-3BP直式插头(带护套式尾帽)
TG-3BP Straight Plug
(with jacketed tail cap)

TGA. 3BP. 304. KWKAD112Z