

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: $<=95\%$ [at $60 \text{ deg C} / 140 \text{ F}$]
 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: $\phi 5.1\text{mm} - \phi 6.0\text{mm}$

2. 电气性能

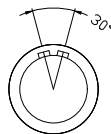
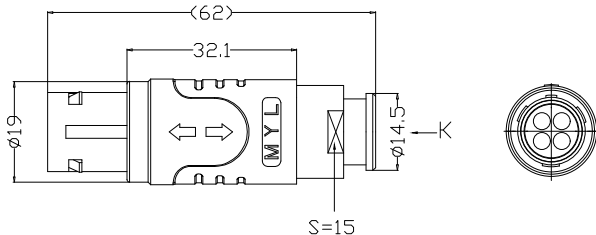
Insert Configuration / 针芯配置: 3BP. 304 4Low Voltage
 Pin Size / 接触件直径: $\phi 2.0\text{mm}$
 Contact resistance / 接触电阻: $\leq 3.5\text{m}\Omega$
 Insulation resistance / 绝缘电阻: 5000M Ω (测试电压 500V (DC))
 Withstand voltage / 耐电压: 1450V (AC)
 Rated working current / 额定工作电流: 19.0A

Other Specification / 其它规格:

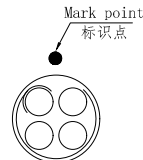
Contact PIN / 接触体: Gold plated Tin bronze / 锡青铜镀金
 Housing Material / 外壳材质: PEEK
 Other Shell Material / 其它壳体材质: 铜镀镍
 Insulator material / 绝缘体材料: PPS
 IP Rating / 防护等级: IP50

*ALL MATERIALS ARE RoHS COMPLIANT / 所有材料均符合RoHS要求.

| REV/版本 | DESCRIPTION/变更内容 | DATE/日期 | DRAWN BY/绘图 |
|--------|------------------|---------|-------------|
| | | | |



Plug front view
插头前视图



view K
K向孔位排列

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)

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



FIRST ANGLE PROJECTION

单位
UNIT: mm
 比例
SCALE: 1:1
 名称
NAME: A4

尺寸
SIZE: A4

REV/版本 A1 SHEET: 1 OF 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. KWLAD62Z