

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: $\phi 4.1\text{mm}-\phi 5.0\text{mm}$

2. 电气性能

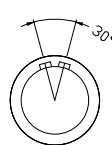
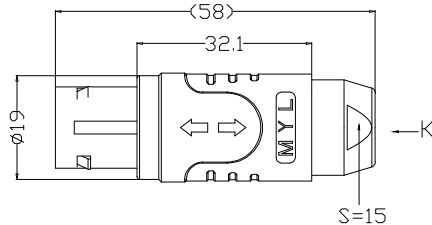
Insert Configuration/针芯配置: $3\text{BP}.314$ 14Low Voltage
 Pin Size/接触件直径: $\phi 0.9\text{mm}$
 Contact resistance接触电阻: $\leq 6\text{m}\Omega$
 Insulation resistance/绝缘电阻: $50000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)
 Withstand voltage/耐压: $1200\text{V}(\text{AC})$
 Rated working current额定工作电流: 9.0A

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/描述内容	DATE/日期	DRAWN BY/制图



Plug front view
插头前视图



view K
K向孔位排列

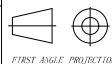
DRAWN BY: 绘图: P003 2024.05.28
 CHECKED BY: 审核: Z01 2024.05.28
 APPROVED BY: 核准: F005 2024.05.28



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GENERAL TOLERANCE
 (UNLESS SPECIFIED)

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



FIRST ANGLE PROJECTION

单位
UNIT: mm

比例
SCALE: 1:1

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

TGA. 3BP. 314. KWLD52