

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 deg C / 140 F]

Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)

Salt Spray Corrosion/盐雾: 96hr

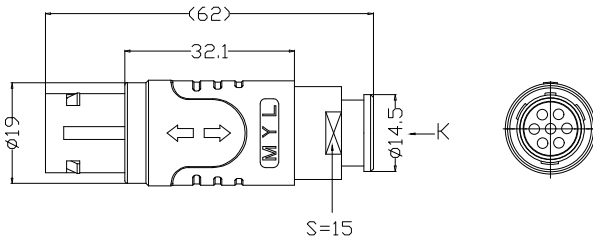
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆: $\phi 5.1\text{mm} - \phi 6.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 3BP. 307 7Low Voltage

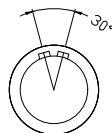
Pin Size/接触件直径: $\phi 1.6\text{mm}$

Contact resistance接触电阻: $\leq 4\text{m}\Omega$

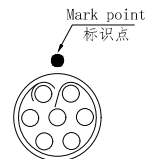
Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V (DC))

Withstand voltage/耐电压: 1700V (AC)

Rated working current额定工作电流: 15.0A



Plug front view
插头前视图



view K
K向孔位排列

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

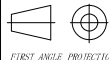
*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

DRAWN BY:
绘图: P003 2024.05.28
CHECKED BY:
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APPROVED BY:
核准: P005 2024.05.28

GENERAL TOLERANCE
(UNLESS SPECIFIED)
 $\leq 10 \pm 0.1$
 $< 10^{\circ} \sim \leq 20 \pm 0.15$
 $< 20^{\circ} \sim \leq 50 \pm 0.3$
Angle $\pm 1^{\circ}$



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FIRST ANGLE PROJECTION

REV/版本

A1

UNIT: mm

SCALE: 1: 1

SIZE: A1

SHEET: 1 OF 1

单位

比例

SCALE:

SIZE:

SHEET:

名称

PART NAME

型号

PART NAME

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

TGA. 3BP. 307. KWKAD62Z