

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 $60^{\circ}\text{C} / 140^{\circ}\text{F}$]

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

Salt Spray Corrosion/盐雾: 96hr

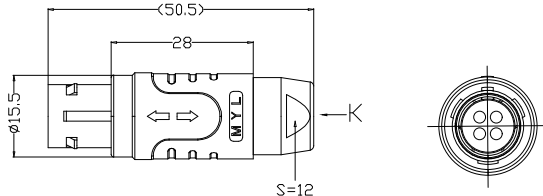
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

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



2. 电气性能

Insert Configuration/针芯配置: 2BP. 304 4Low Voltage

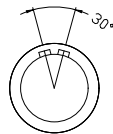
Pin Size/接触件直径: $\phi 1.3\text{mm}$

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

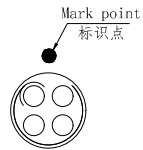
Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))

Withstand voltage/耐压: 1850V(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: PPS

IP Rating/防护等级: IP50

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

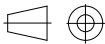
DRAWN BY:
绘图: PDD3 2024.05.28
CHECKED BY:
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GENERAL TOLERANCE
(UNLESS SPECIFIED)

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



FIRST ANGLE PROJECTION

单位
UNIT: mm
比例
SCALE: 1:1

名称
PART NAME

TG-2BP直式插头(不带护套式尾帽)
TG-2BP Straight Plug
(without jacketed tail cap)

尺寸
SIZE: A4

型号
PART NAME

TGA. 2BP. 304. KWLAD62

REV/版本

A1

SHEET: 1 OF 1