

1) Product main performance/产品主要性能指标:

Operating Temperature/工作温度: $-55^{\circ}\text{C}\sim 200^{\circ}\text{C}$

Humidity(max)/最大潮湿: $\leq 95\%$ [at 60°C / 140°F]

Shielding /屏蔽性能: $75\text{dB}(10\text{MHz})$ $40\text{dB}(1\text{GHz})$

Salt Spray Corrosion/盐雾: 96hr

P op (max)/最大环境压力: 60 bar (870 psi)

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次

Cable/配接电缆: $\phi 7.1\text{mm}-\phi 8.0\text{mm}$

2. 电气性能

Insert Configuration/针芯配置: 2T.302 2Low Voltage

Pin Size/接触件直径: $\phi 2.0\text{mm}$

Contact resistance接触电阻: $\leq 2\text{m}\Omega$

Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)

Withstand voltage/耐电压: $1750\text{V}(\text{AC})$

Rated working current额定工作电流: 30.0A

Other Specification/其它规格:

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

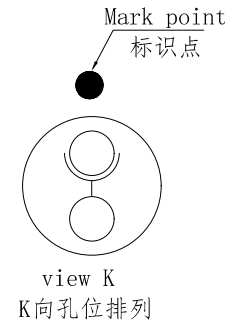
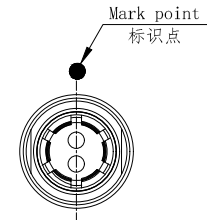
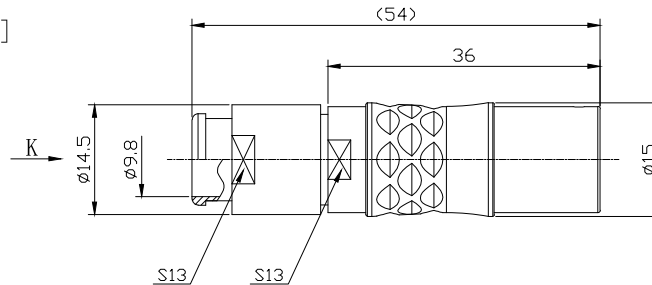
Housing Material/外壳材质: Chrome plated brass/铜镀珍珠铬

Other metal spare parts/其余金属件: Nickel plated brass/铜镀镍

Insulator material/绝缘材料: PPS

IP Rating/防护等级: IP68(插合状态)

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



DRAWN BY:
绘图: Z01 2024. 6. 20
CHECKED BY:
审核: Z01 2024. 6. 20
APPROVED BY:
核准: F005 2024. 6. 20



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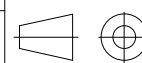
GENERAL TOLERANCE
(UNLESS SPECIFIED)

$\leq 10 \pm 0.1$

$< 10^{\circ} \sim \leq 20^{\circ} \pm 0.15$

$< 20^{\circ} \sim \leq 50^{\circ} \pm 0.3$

Angle $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

REV/版本

A1

单位
UNIT: mm

比例
SCALE: 1: 1

尺寸
SIZE: A4

SHEET: 1 OF 1

名称
PART NAME

型号
PART NAME

2T-DH浮动式插座
2T-DH Floating socket

DHG. 2T. 302. CLAC82Z