

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

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]
Salt Spray Corrosion/盐雾 : 96hr

Mechanical data/机械特性:

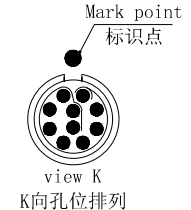
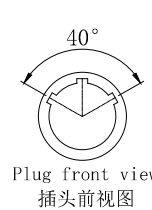
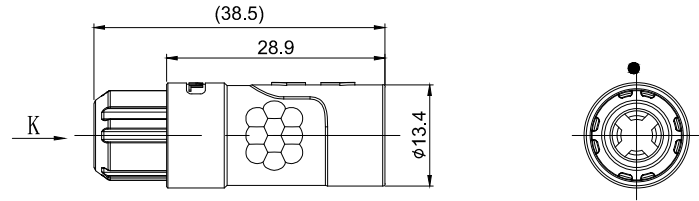
Vibration/振动 : 15g[10Hz~2000Hz]
Endurance (Shell)/机械寿命 : 2000+

2. 电气性能

Insert Configuration/针芯配置: 1P. 310 10Low Voltage
Pin Size/接触件直径: $\phi 0.5\text{mm}$
Contact resistance/接触电阻: $\leq 15\text{m}\Omega$
Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压500V(DC))
Withstand voltage/耐电压: 750V(AC)
Rated working current/额定工作电流: 2.0A
Cable/配接电缆: $\phi 3.5\text{mm} - \phi 4.5\text{mm}$

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 : PSU
Other Shell Material/其它壳体材质: PSU
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.

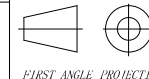


DRAWN BY:
绘图: PD03 2024. 05. 28
CHECKED BY:
审核: Z01 2024. 05. 28
APPROVED BY:
核准: PD05 2024. 05. 28

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



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FIRST ANGLE PROJECTION

REV/版本 A1

单位
UNIT: mm
比例
SCALE: 1: 1
SIZE: A4
SHEET: 1 OF 1

名称
PART NAME
型号
PART NAME

PRA-1P浮动式插座(不带护套式尾帽)
PRA-1P Floating socket
(without jacketed tail cap)
PRA. 1P. 310. PLLC42G