

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 :  $15\text{g}[10\text{Hz} \sim 2000\text{Hz}]$   
Endurance (Shell)/机械寿命 : 2000+

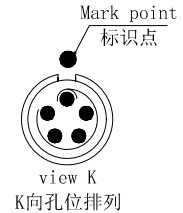
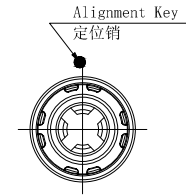
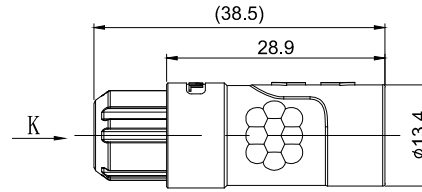
2. 电气性能

Insert Configuration/针芯配置: 1P. 305 5Low Voltage  
Pin Size/接触件直径:  $\phi 0.9\text{mm}$   
Contact resistance/接触电阻:  $\leq 9\text{m}\Omega$   
Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))  
Withstand voltage/耐电压:  $1050\text{V(AC)}$   
Rated working current/额定工作电流:  $7.0\text{A}$   
Cable/配接电缆:  $\phi 4.5\text{mm} - \phi 5.5\text{mm}$

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.



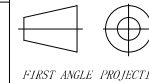
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审核: Z01 2024. 05. 28  
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核准: P005 2024. 05. 28

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

单位  
UNIT: mm

比例  
SCALE: 1: 1

SIZE: A4

SHEET: 1 OF 1

名称  
PART NAME

型号  
PART NAME

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

PRG. 1P. 305. PLLC52G