

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  $60 \text{ deg C} / 140 \text{ F}$ ]  
 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+

2. 电气性能

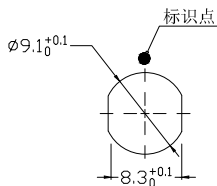
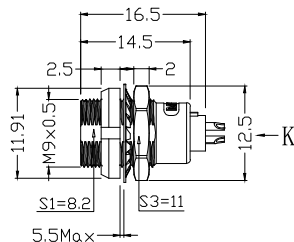
Insert Configuration/针芯配置: 0BP.309 9Low Voltage  
 Pin Size/接触件直径:  $\phi 0.5\text{mm}$   
 Contact resistance接触电阻:  $\leq 15\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V (DC))  
 Withstand voltage/耐电压: 600V (AC)  
 Rated working current额定工作电流: 2.0A

Other Specification/其它规格:

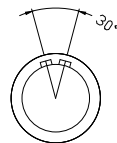
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质: PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级: IP50

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

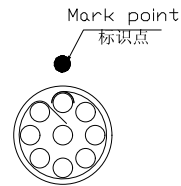
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/制图



Panel cut-outs  
建议安装开孔尺寸



Socket front  
view  
插座前视图



view K  
K向孔位排列



美易连电子科技(深圳)有限公司  
 Meiyilian electronic technology (shenzhen) Co., Ltd.

DRAWN BY:  
绘图: PDD3 2024.03.28  
 CHECKED BY:  
审核: Z01 2024.03.28  
 APPROVED BY:  
核准: PDD5 2024.03.28

GENERAL TOLERANCE (UNLESS SPECIFIED)

$\leq 10 \pm 0.1$   
 $< 10 \sim \leq 20 \pm 0.15$   
 $< 20 \sim \leq 50 \pm 0.3$   
 Angle  $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位  
UNIT: mm  
 名称  
PART NAME

比例  
SCALE: 1:1

型号  
PART NAME

ZCA-0BP 双螺母插座  
 ZCA-0BP Double nut socket

ZCA. 0BP. 309. KWKL

REV/版本 A1 SHEET: 1 OF 1