

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

2. 电气性能

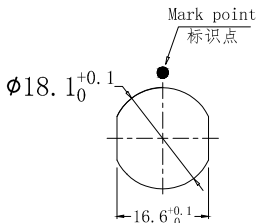
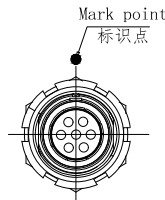
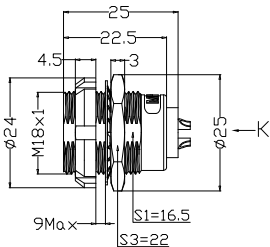
Insert Configuration / 针芯配置: 3BP. 307 7Low Voltage
 Pin Size / 接触件直径: $\phi 1.6\text{mm}$
 Contact resistance / 接触电阻: $\leq 4\text{m}\Omega$
 Insulation resistance / 绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage / 耐电压: 1700V(AC)
 Rated working current / 额定工作电流: 15.0A

Other Specification / 其它规格:

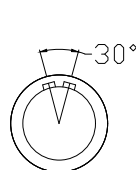
Contact PIN / 接触体 : Gold plated Tin bronze / 锡青铜镀金
 Housing Material / 外壳材质 : PEEK
 Other Shell Material / 其它壳体材质: 铜镀镍
 Insulator material / 绝缘体材料: PEEK
 IP Rating / 防护等级 : IP50

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

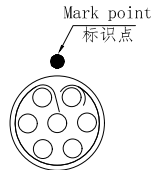
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图



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

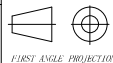
DRAWN BY: 绘图: P003 2024.05.28
 CHECKED BY: 审核: Z01 2024.05.28
 APPROVED BY: 核准: P005 2024.05.28

GENERAL TOLERANCE
(UNLESS SPECIFIED)

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



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FIRST ANGLE PROJECTION

单位
UNIT: mm
比例
SCALE: 1:1

名称
PART NAME

型号
PART NAME

ZCA-3BP 双螺母插座
ZCA-3BP Double nut socket

型号
PART NAME
ZCA. 3BP. 307. KWKL

REV/版本 A1 SHEET: 1 OF 1