

## 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]

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. 320 20Low Voltage

Pin Size/接触件直径:  $\varnothing 0.7\text{mm}$

Contact resistance接触电阻:  $\leq 4.5\text{m}\Omega$

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

Withstand voltage/耐电压: 1000V(AC)

Rated working current额定工作电流: 6.0A

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

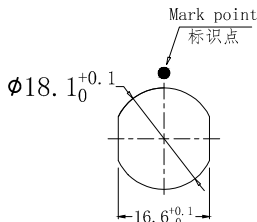
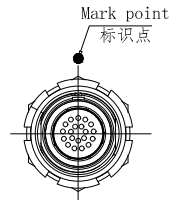
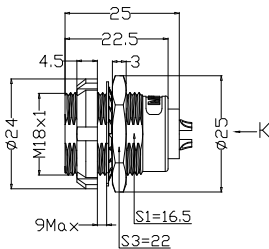
Other Shell Material/其它壳体材质: 铜电镀

Insulator material/绝缘体材料: PEEK

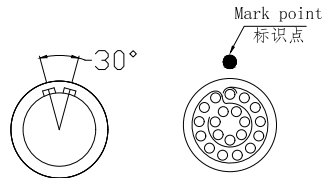
IP Rating/防护等级: IP50

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

REV/版本	DESCRIPTION/更改内容	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: 701	2024.05.28
APPROVED BY: 批准: P005	2024.05.28



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GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^{\circ} \sim 20^{\circ} \pm 0.15$ $< 20^{\circ} \sim 50^{\circ} \pm 0.3$ Angle $\pm 1^{\circ}$	FIRST ANGLE PROJECTION	单位 UNIT: mm	名称	ZCA-3BP 双螺母插座
		比例 SCALE: 1: 1	PART NAME	ZCA-3BP Double nut socket
REV/版本 A1	型号 SHEET: 1 OF 1	名称 PART NAME	型号 PART NAME	ZCA. 3BP. 320. KWKL