

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. 302 2Low Voltage  
 Pin Size/接触件直径:  $\phi 3.0\text{mm}$   
 Contact resistance接触电阻:  $\leq 3\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 2100V(AC)  
 Rated working current额定工作电流: 35.0A

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: PPS  
 IP Rating/防护等级: IP50

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

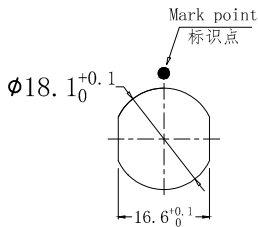
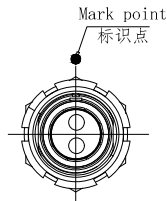
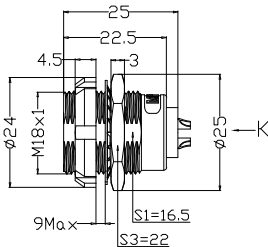
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

A

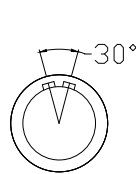
B

C

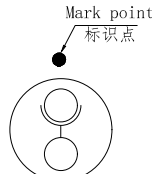
D



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

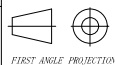
DRAWN BY:  
绘图: P003 2024.05.28  
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核准: P005 2024.05.28



美易连电子科技(深圳)有限公司

Meiyilian electronic technology(shenzhen)Co.,Ltd.

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



FIRST ANGLE PROJECTION

单位  
UNIT: mm

名称  
PART NAME

比例  
SCALE: 1: 1

尺寸  
SIZE: A4

REV/版本  
A1

张数  
SHEET: 1 OF 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. 302. KWLL