

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: -55℃~150℃  
 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

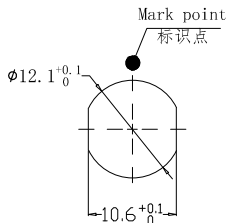
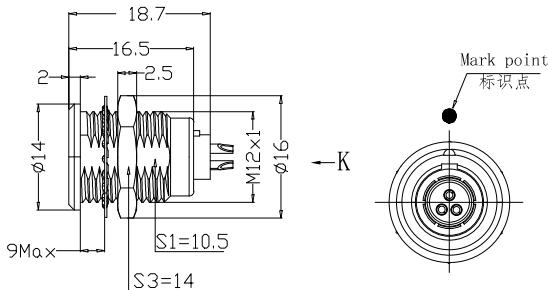
Insert Configuration/针芯配置:1BP.303 3Low Voltage  
 Pin Size/接触件直径:Φ1.3mm  
 Contact resistance接触电阻:≤5mΩ  
 Insulation resistance/绝缘电阻:5000Ω (测试电压500V(DC))  
 Withstand voltage/耐电压:1300V(AC)  
 Rated working current额定工作电流:12.0A

Other Specification/其它规格:

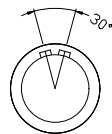
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质: PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PPS  
 IP Rating/防护等级: IP50

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

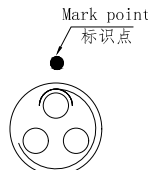
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图



Panel cut-outs  
建议安装开孔尺寸



Socket front view  
插座前视图



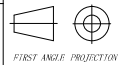
view K  
K向孔位排列

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



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

GENERAL TOLERANCE  
(UNLESS SPECIFIED)  
 ≤10 ±0.1  
 <10° ≤20 ±0.15  
 <20° ≤30 ±0.3  
 Angle ±1°



FIRST ANGLE PROJECTION

单位  
UNIT: mm  
 比例  
SCALE: 1: 1  
 尺寸  
SIZE: A4

名称  
PART NAME  
ZGA-1BP 固定式插座  
ZGA-1BP Fixed socket

型号  
PART NAME  
ZGA. 1BP. 303. KWLL.

REV/版本 A1 SHEET: 1 OF 1