

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 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+

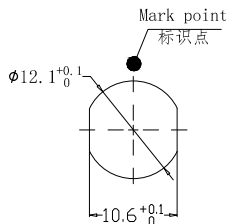
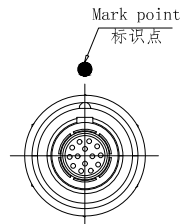
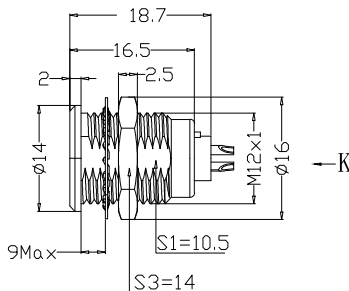
2. 电气性能

Insert Configuration/针芯配置: 1BP.314 14Low 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 Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 750V(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: PPS
 IP Rating/防护等级: IP50
 *ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

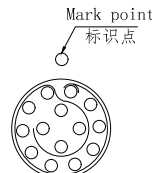
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/制图



Panel cut-outs
建议安装开孔尺寸



Socket front view
插座前视图



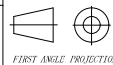
view K
K孔位排列

DRAWN BY: 绘图: PDD3	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: PDD5	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	ZGB-1BP固定式插座
比例 SCALE: 1:1	PART NAME	ZGB-1BP Fixed socket
尺寸 SIZE: A4	型号	ZGB. 1BP. 314. KWLL
REV/版本 A1	SHEET: 1 OF 1	PART NAME