

1) Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55°C~150°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+

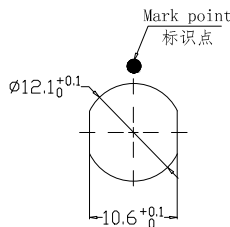
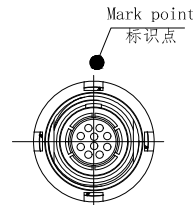
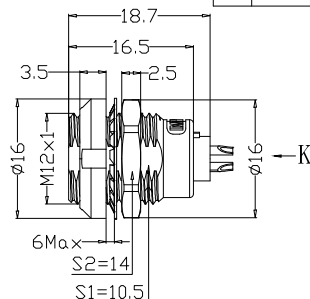
2. 电气性能

Insert Configuration/针芯配置:IBP.310 10Low Voltage  
 Pin Size/接触件直径:Φ0.5mm  
 Contact resistance接触电阻:≤15mΩ  
 Insulation resistance/绝缘电阻:5000Ω (测试电压500V(DC))  
 Withstand voltage/耐电压:900V(AC)  
 Rated working current额定工作电流2.5A

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

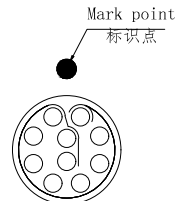
\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.



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

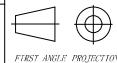
REV/版本	DESCRIPTION/描述内容	DATE/日期	DRAWN BY/制图
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DRAWN BY: 绘图: P003	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: P005	2024.05.28



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° ≤50	±0.3
Angle	±1°



FIRST ANGLE PROJECTION

单位 UNIT: mm	名称	ZCB-1BP 双螺母插座
比例 SCALE: 1:1	PART NAME	ZCB-1BP Double nut socket
SIZE: A4	型号	ZCB. 1BP. 310. KWLL
REV/版本 A1	SHEET: 1 OF 1	PART NAME