

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:1BP.316 16Low Voltage

Pin Size/接触件直径:Φ0.5mm

Contact resistance接触电阻:≤15mΩ

Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))

Withstand voltage/耐电压:750V(AC)

Rated working current额定工作电流1.5A

Other Specification/其它规格:

Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金

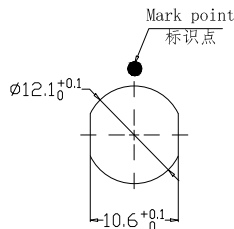
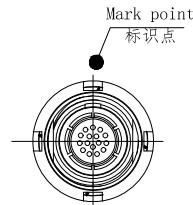
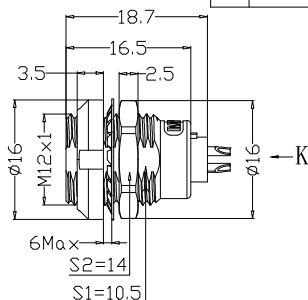
Housing Material/外壳材质 : PEEK

Other Shell Material/其它壳体材质: 铜电镀

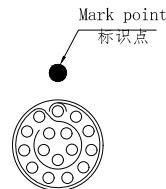
Insulator material/绝缘体材料: PEEK

IP Rating/防护等级 : IP50

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



Panel cut-outs  
建议安装开孔尺寸



view K  
K向孔位排列

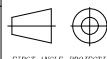
|        |                  |         |             |
|--------|------------------|---------|-------------|
| REV/版本 | DESCRIPTION/变更内容 | DATE/日期 | DRAWN BY/绘图 |
|--------|------------------|---------|-------------|

|                          |            |
|--------------------------|------------|
| DRAWN BY:<br>绘图: P003    | 2024.05.28 |
| CHECKED BY:<br>审核: Z01   | 2024.05.28 |
| APPROVED BY:<br>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<br>(UNLESS SPECIFIED) | <p>≤10 ±0.1</p> <p>&lt;10 ~ ≤20 ±0.15</p> <p>&lt;20 ~ ≤50 ±0.3</p> <p>Angle ±1°</p> |
|---|---|



FIRST ANGLE PROJECTION

|                   |                 |                           |
|-------------------|-----------------|---------------------------|
| 单位<br>UNIT: mm    | 名称              | ZCG-1BP 双螺母插座             |
| 比例<br>SCALE: 1: 1 | PART NAME       | ZCG-1BP Double nut socket |
| SIZE: A1          | 型号<br>PART NAME | ZCG. 1BP. 316. KWKL       |
| REV/版本            | A1              | SHEET: 1 OF 1             |