

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+  
 Cable/配接电缆:  $\phi 3.1\text{mm}-\phi 4.0\text{mm}$

2. 电气性能

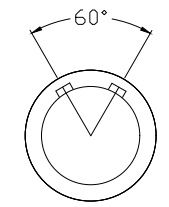
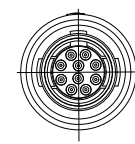
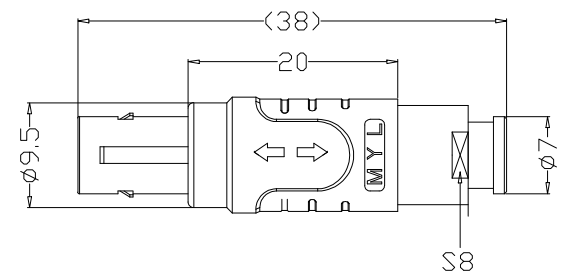
Insert Configuration/针芯配置: 0BP. 310 10Low Voltage  
 Pin Size/接触件直径:  $\phi 0.5\text{mm}$   
 Contact resistance接触电阻:  $\leq 15\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 600V(AC)  
 Rated working current额定工作电流: 2.0A

Other Specification/其它规格:

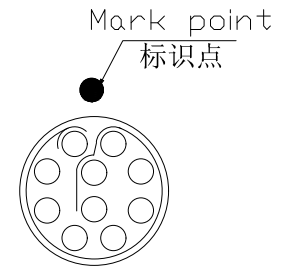
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级 : IP50

\*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 |
|--------|------------------|---------|-------------|
|        |                  |         |             |



Plug front view  
插头前视图



view K  
K向孔位排列

|  |               |  |   |
|--|---------------|--|---|
| DRAWN BY:<br>绘图: P003 2024. 05. 28<br>CHECKED BY:<br>审核: Z01 2024. 05. 28<br>APPROVED BY:<br>核准: P005 2024. 05. 28                                 |               | 美易连电子科技(深圳)有限公司<br>Meiyilian electronic technology(shenzhen)Co.,Ltd. |   |
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED)<br>$\leq 10 \pm 0.1$<br>$< 10 \sim \leq 20 \pm 0.15$<br>$< 20 \sim \leq 50 \pm 0.3$<br>Angle $\pm 1^\circ$ |               |  | 单位<br>UNT: mm<br>比例<br>SCALE: 1: 1<br>名称<br>PART NAME<br>TG-OBP直式插头(带护套式尾帽)<br>TG-OBP Straight Plug<br>(with jacketed tail cap) |
| REV/版本<br>A1   | SHEET: 1 OF 1 | https://www.mylconnector.com/  | https://www.mylconnector.com/   |