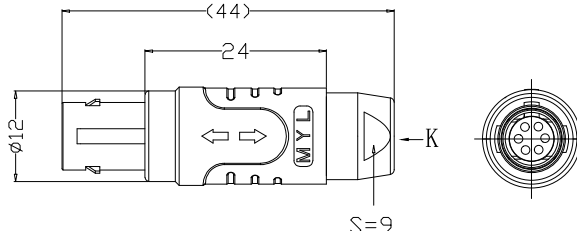


1. Product main performance/产品主要性能指标:

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+  
 Cable/配接电缆:  $\phi$ 2.1mm- $\phi$ 3.0mm



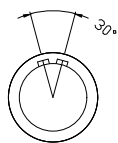
2. 电气性能

Insert Configuration/针芯配置: 1BP.306 6Low Voltage  
 Pin Size/接触件直径:  $\phi$ 0.7mm  
 Contact resistance接触电阻:  $\leq$ 12.5m $\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1050V(AC)  
 Rated working current额定工作电流: 7.0A

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 : PEKK  
 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.





Plug front view  
插头前视图



view K  
K向孔位排列

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

|   |  |  |   |
|---|--|--|---|
| DRAWN BY:<br>绘图: P003<br>2024.05.28<br>CHECKED BY:<br>审核: Z01<br>2024.05.28<br>APPROVED BY:<br>核准: P005<br>2024.05.28                             |  美易连电子科技(深圳)有限公司<br>Meiyilian electronic technology(shenzhen)Co.,Ltd. |  | 名称<br>PART NAME<br>TG-1BP直式插头(不带护套式尾帽)<br>TG-1BP Straight Plug<br>(without jacketed tail cap) |
|   |  |  |   |
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED)<br>$\leq$ 10 $\pm$ 0.1<br>$<$ 10° $\leq$ 20° $\pm$ 0.15<br>$>$ 20° $\leq$ 50° $\pm$ 0.3<br>Angle $\pm$ 1° | FIRST ANGLE PROJECTION<br>  | 型号<br>PART NAME<br>TGA.1BP.306.KWLAD32                                       | 型号<br>PART NAME<br>TGA.1BP.306.KWLAD32  |
| REN/版本<br>A1  | SHEET: 1 OF 1  | 单位<br>UNIT: mm<br>比例<br>SCALE: 1:1<br>型号<br>PART NAME<br>TGA.1BP.306.KWLAD32 | 名称<br>PART NAME<br>TG-1BP直式插头(不带护套式尾帽)<br>TG-1BP Straight Plug<br>(without jacketed tail cap) |