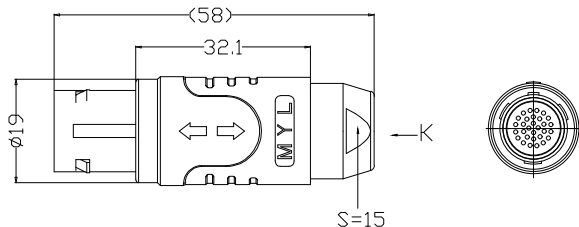


1. Product main performance/产品主要性能指标:

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:  $\phi$ 7.1mm- $\phi$ 8.0mm



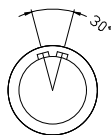
2. 电气性能

Insert Configuration/针芯配置: 3BP. 330 30Low Voltage  
 Pin Size/接触件直径:  $\phi$ 0.7mm  
 Contact resistance接触电阻:  $\leq$ 4.5m $\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V (DC))  
 Withstand voltage/耐电压: 800V (AC)  
 Rated working current额定工作电流: 3.5A

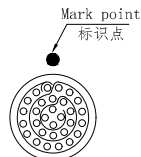
Other Specification/其它规格:

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.



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 |

|   |  |
|---|--|
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED) | ≤10 ±0.1<br>≤10° ±0.15<br><20° ≤S0 ±0.3<br>Angle ±1° |
|---|--|

|   |  |                 |  |                               |  |
|---|--|-----------------|--|-------------------------------|--|
|  美易连电子科技(深圳)有限公司<br>Meiyilian electronic technology (shenzhen) Co., Ltd. |  | 单位<br>UNIT: mm  |  | 名称<br>PART NAME               | TG-3BP直式插头(不带护套式尾帽)<br>TG-3BP Straight Plug<br>(without jacketed tail cap) |
| 比例<br>SCALE: 1: 1   |  | 尺寸<br>SIZE: M   |  |                               |  |
| 第一角投影<br>FIRST ANGLE PROJECTION   |  | 型号<br>PART NAME |  | TGA. 3BP. 330. KWLAD82        |  |
| REV/版本    A1  |  | SHEET: 1 OF 1   |  | https://www.mylconnector.com/ |  |