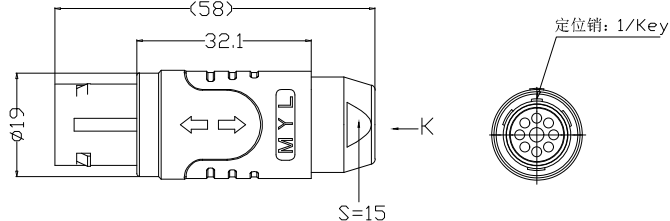


## 1. Product main performance/产品主要性能指标:

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:  $\phi 7.1\text{mm}-\phi 8.0\text{mm}$



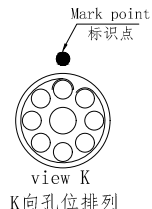
## 2. 电气性能

Insert Configuration/针芯配置: 3BP. 309 9Low Voltage  
 Pin Size/接触件直径:  $\phi 2.0/1.3\text{mm}$   
 Contact resistance接触电阻:  $\leq 3.5\text{m}\Omega, \leq 5\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1350V(AC)  
 Rated working current额定工作电流: 15.0/6.0A


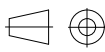
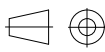
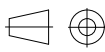
### Other Specification/其它规格:

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: PPS  
 IP Rating/防护等级 : IP50

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



view K  
K向孔位排列

DRAWN BY: 绘图: P003 CHECKED BY: 审核: Z01 APPROVED BY: 核准: P005 2024.03.28 2024.05.28 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) $\leq 10 \pm 0.1$ $< 10 \sim \leq 20 \pm 0.15$ $< 20 \sim \leq 50 \pm 0.3$ Angle $\pm 1^\circ$	<table border="1"> <tr> <td rowspan="2">  FIRST ANGLE PROJECTION                 </td> <td>                     单位 UNIT: mm                 </td> <td>名称</td> <td rowspan="2">                     TG-3BP 直式插头 (不带护套式尾帽)                      TG-3BP Straight Plug                      (without jacketed tail cap)                 </td> </tr> <tr> <td>                     比例 SCALE: 1:1                 </td> <td>PART NAME</td> </tr> <tr> <td></td> <td>                     尺寸 SIZE: A4                 </td> <td>型号</td> <td>TGG. 3BP. 309. KWLAD82</td> </tr> <tr> <td>                     REV/版本 A1                 </td> <td>                     SHEET: 1 OF 1                 </td> <td>PART NAME</td> <td></td> </tr> </table>	 FIRST ANGLE PROJECTION	单位 UNIT: mm	名称	TG-3BP 直式插头 (不带护套式尾帽) TG-3BP Straight Plug (without jacketed tail cap)	比例 SCALE: 1:1	PART NAME		尺寸 SIZE: A4	型号	TGG. 3BP. 309. KWLAD82	REV/版本 A1	SHEET: 1 OF 1	PART NAME	
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