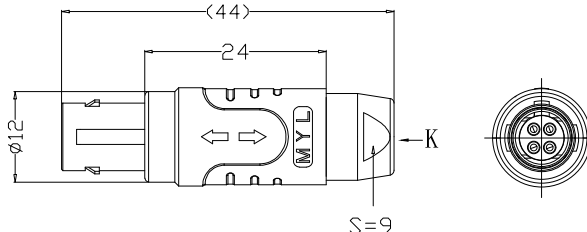


# 1. Product main performance/产品主要性能指标:

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:  $\phi 2.4\text{mm}-\phi 3.3\text{mm}$



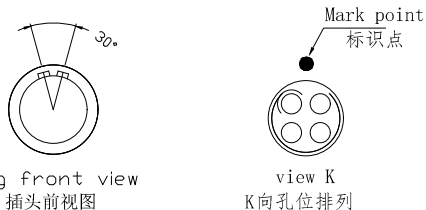
## 2. 电气性能

Insert Configuration/针芯配置: 1BP. 304 4Low Voltage  
 Pin Size/接触件直径:  $\phi 0.9\text{mm}$   
 Contact resistance接触电阻:  $\leq 9\text{m}\Omega$   
 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: 10.0A


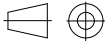
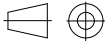
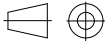
## Other Specification/其它规格:

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.



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

DRAWN BY: 绘图: P003 2024.05.28 CHECKED BY: 审核: Z01 2024.05.28 APPROVED BY: 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 (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $10 \sim 20 \pm 0.15$ $20 \sim 50 \pm 0.3$ Angle $\pm 1^\circ$	<table border="1"> <tr> <td rowspan="2">                       FIRST ANGLE PROJECTION                 </td> <td>                     单位                      UNIT: mm                      比例                      SCALE: 1:1                 </td> <td>                     名称                      PART NAME                      TG-1BP直式插头(不带护套式尾帽)                      TG-1BP Straight Plug                      (without jacketed tail cap)                 </td> </tr> <tr> <td>                     型号                      PART NAME                      TGA. 1BP. 304. KWLAD35                 </td> <td>                     尺寸                      SIZE: A4                      图号                      SHEET: 1 OF 1                 </td> </tr> </table>	 FIRST ANGLE PROJECTION	单位 UNIT: mm 比例 SCALE: 1:1	名称 PART NAME TG-1BP直式插头(不带护套式尾帽) TG-1BP Straight Plug (without jacketed tail cap)	型号 PART NAME TGA. 1BP. 304. KWLAD35	尺寸 SIZE: A4 图号 SHEET: 1 OF 1
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	型号 PART NAME TGA. 1BP. 304. KWLAD35	尺寸 SIZE: A4 图号 SHEET: 1 OF 1				
REV/版本 A1	单位 UNIT: mm 比例 SCALE: 1:1 尺寸 SIZE: A4 图号 SHEET: 1 OF 1					