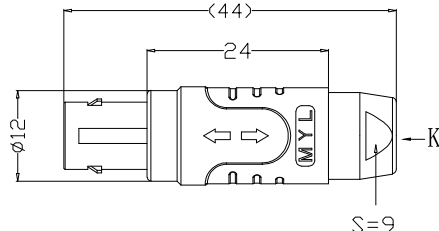


## 1. Product main performance/产品主要性能指标:

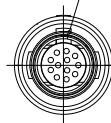
Operating Temperature/工作温度:  $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$   
 Humidity(max)/最大潮湿:  $<95\%$  [at 60 deg C / 140 F]  
 Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)  
 Salt Spray Corrosion/盐雾: 96hr

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



定位销: 1/Key



## 2. 电气性能

Insert Configuration/针芯配置: 1BP. 312 12Low 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: 750V(AC)  
 Rated working current额定工作电流: 2.0A

Mark point

标识点



view K

K向孔位排列


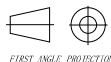
### Other Specification/其它规格:

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/更改内容	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.	单位 (UNIT): mm 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)
		 FIRST ANGLE PROJECTION	比例 (SCALE): 1:1 名称 PART NAME	
GENERAL TOLERANCE (UNLESS SPECIFIED) $\approx 10 \pm 0.1$ $< 10^{\circ} \leq 20^{\circ} \pm 0.15$ $< 20^{\circ} \leq 50^{\circ} \pm 0.3$ Angle $\pm 1^{\circ}$		SIZE: A4 REV/版本 A1	SHEET: 1 OF 1 PART NAME	