

### 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 :  $15\text{g}$ [10Hz~2000Hz]  
 Shock Resistance/冲击 :  $100\text{g}$ [6ms]  
 Endurance (Shell)/机械寿命 : 5000+  
 Cable/配接电缆:  $\phi 2.1\text{mm} - \phi 3.0\text{mm}$

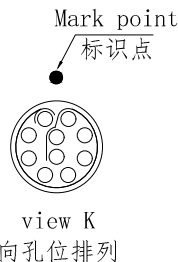
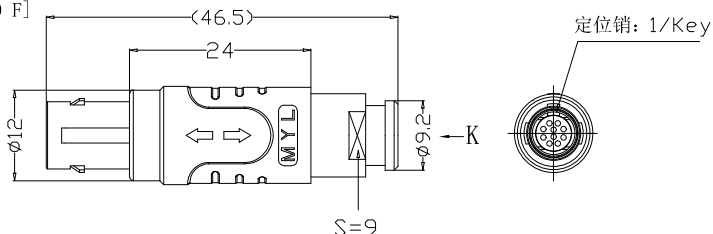
### 2. 电气性能

Insert Configuration/针芯配置: 1BP.310 10Low 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:  $900\text{V}$ (AC)  
 Rated working current额定工作电流:  $2.5\text{A}$


#### 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.



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K向孔位排列

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	TG-1BP直式插头(带护套式尾帽)
比例 SCALE: 1:1		PART NAME	TG-1BP Straight Plug (with jacketed tail cup)	
型号 SIZE: AA	型号	TGG.1BP.310.KWKAD32Z		
REV/版本 A1	SHEET: 1 OF 1	PART NAME		