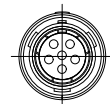
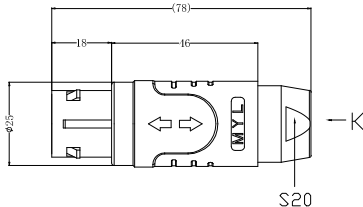


## 1. Product main performance/产品主要性能指标:

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

### Mechanical data/机械特性:

Vibration/振动:  $15\text{g}[10\text{Hz}\sim 2000\text{Hz}]$   
 Shock Resistance/冲击:  $100\text{g}[6\text{ms}]$   
 Endurance (Shell)/机械寿命:  $5000+$   
 Cable/配接电缆:  $\phi 8.1\text{mm}\sim\phi 9.0\text{mm}$



## 2. 电气性能

Insert Configuration/针芯配置:  $4\text{BP}.306\ 6\text{Low Voltage}$   
 Pin Size/接触件直径:  $\phi 2.0\text{mm}$   
 Contact resistance接触电阻:  $\leq 3.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压 $500\text{V}(\text{DC})$ )  
 Withstand voltage/耐电压:  $2000\text{V}(\text{AC})$   
 Rated working current额定工作电流:  $24.0\text{A}$

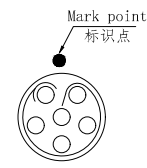
### Other Specification/其它规格:

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: PPS  
 IP Rating/防护等级: IP50

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


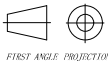


Plug front view  
插头前视图



view K  
K向孔位排列

REV/版本	DESCRIPTION/描述内容	DATE/日期	DRAWN BY/绘图

DRAWN BY: 绘图: P003 CHECKED BY: 审核: Z01 APPROVED BY: 核准: P005	2024.05.28 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.	名称 PART NAME	TG-4BP 直式插头(不带护套式尾帽) TG-4BP Straight Plug (without jacketed tail cap)
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10\ \pm 0.1$ $10\sim 20\ \pm 0.15$ $20\sim 50\ \pm 0.3$ Angle $\pm 1^{\circ}$			单位 UNIT: mm 比例 SCALE: 1:1 名称 SIZE: A4 型号 PART NAME	TGA.4BP.306.KWLAD92
FIRST ANGLE PROJECTION		REV/版本 A1	SHEET: 1 OF 1	1