

## 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 :  $\leq 95\%$  [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:  $\phi 6.1\text{mm}-\phi 7.0\text{mm}$

## 2. 电气性能

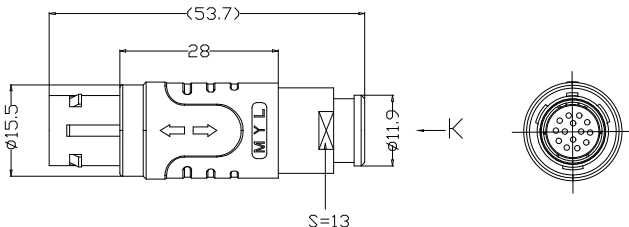
Insert Configuration/针芯配置:  $2\text{BP}.314$   $14\text{Low Voltage}$   
 Pin Size/接触件直径:  $\phi 0.7\text{mm}$   
 Contact resistance接触电阻:  $\leq 12.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压 $500\text{V}(\text{DC})$ )  
 Withstand voltage/耐压:  $1150\text{V}(\text{AC})$   
 Rated working current额定工作电流:  $6.5\text{A}$

### 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 : 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/描述内容	DATE/日期	DRAWN BY/绘图



Plug front view  
插头前视图

view K  
K向孔位排列

DRAWN BY: 绘图: P003	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 批准: 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) $\leq 10 \pm 0.1$ $< 10^{\circ} \leq 20 \pm 0.15$ $< 20^{\circ} \leq 50 \pm 0.3$ Angle $\pm 1^{\circ}$	FIRST ANGLE PROJECTION	单位 UNIT: mm	名称	TG-2BP直式插头(带护套式尾帽)
		比例 SCALE: 1:1	PART NAME	TG-2BP Straight Plug (with jacketed tail cap)
		型号 SIZE: A4	PART NAME	TGA. 2BP. 314. KWAD72Z
		REV/版本 A1		
		SHEET: 1 OF 1		