

# 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:  $75\text{dB}(10\text{MHz}) \quad 40\text{dB}(1\text{GHz})$   
 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:  $\phi 14.5\text{mm} - \phi 15.4\text{mm}$

## 2. 电气性能

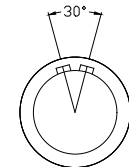
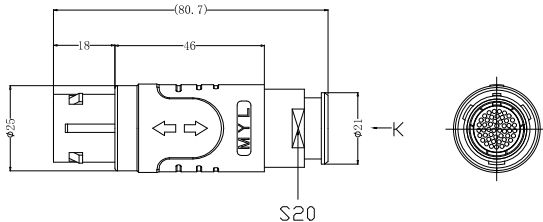
Insert Configuration/针芯配置:  $4\text{BP}, 348, 48\text{Low Voltage}$   
 Pin Size/接触件直径:  $\phi 0.7\text{mm}$   
 Contact resistance/接触电阻:  $\leq 12.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压 $500\text{V}(\text{DC})$ )  
 Withstand voltage/耐压:  $700\text{V}(\text{AC})$   
 Rated working current/额定工作电流:  $1.5\text{A}$

## Other Specification/其它规格:

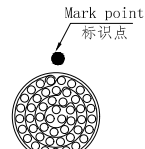
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质: PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级: IP50

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


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



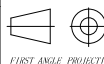
Plug front view  
插头前视图



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: 核准: P003	2024. 05. 28	
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \quad \pm 0.1$ $< 10 \sim \leq 20 \quad \pm 0.15$ $< 20 \sim \leq 50 \quad \pm 0.3$ Angle $\pm 1^{\circ}$		单位 (UNIT): mm 名称 PART NAME 比例 SCALE: 1: 1 尺寸 SIZE: A4 型号 PART NAME 第一角投影 FIRST ANGLE PROJECTION REV/版本 A1 SHEET: 1 OF 1

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(带护套式尾帽) TG-4BP Straight Plug (with jacketed tail cap)
型号 PART NAME	TGG. 4BP. 348. KWKAD156Z