

## 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:  $\phi 8.1\text{mm}-\phi 9.0\text{mm}$

## 2. 电气性能

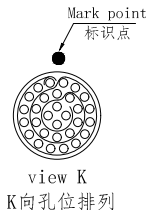
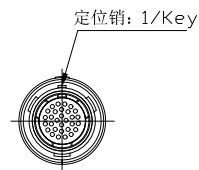
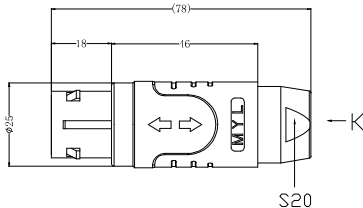
Insert Configuration/针芯配置:  $4\text{BP. } 330\ 30\text{Low Voltage}$   
 Pin Size/接触件直径:  $\phi 0.9\text{mm}$   
 Contact resistance接触电阻:  $\leq 9\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压 $500\text{V}(\text{DC})$ )  
 Withstand voltage/耐电压:  $950\text{V}(\text{AC})$   
 Rated working current额定工作电流:  $5.0\text{A}$

### 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.

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



|                          |            |
|--------------------------|------------|
| DRAWN BY:<br>绘图: P003    | 2024.05.28 |
| CHECKED BY:<br>审核: Z01   | 2024.05.28 |
| APPROVED BY:<br>核准: P005 | 2024.05.28 |



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|   |
|---|
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED) |
| $\leq 10\ \pm 0.1$                      |
| $< 10 \sim \leq 20\ \pm 0.15$           |
| $< 20 \sim \leq 50\ \pm 0.3$            |
| Angle $\pm 1^{\circ}$                   |



FIRST ANGLE PROJECTION

单位  
UNIT: mm

比例  
SCALE: 1:1

名称  
NAME: A4

型号  
PART NAME

TG-4BP直式插头(不带护套式尾帽)  
 TG-4BP Straight Plug  
 (without jacketed tail cap)

TGG. 4BP. 330. KWLAD92

REV/版本

A1

SHEET: 1 OF 1

PART NAME