

## 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  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]

Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)

Salt Spray Corrosion/盐雾: 96hr

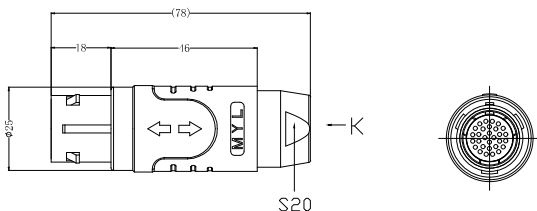
### Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

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: 4BP. 330 30Low Voltage

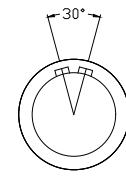
Pin Size/接触件直径:  $\phi 0.9\text{mm}$

Contact resistance接触电阻:  $\leq 9\text{m}\Omega$

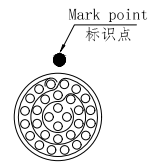
Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))

Withstand voltage/耐电压: 950V(AC)

Rated working current额定工作电流: 5.0A



Plug front view  
插头前视图



view K  
K向孔位排列

### Other Specification/其它规格:

Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金


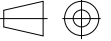
Housing Material/外壳材质: PEEK

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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CHECKED BY: 审核: Z01 2024.05.28				
APPROVED BY: 核准: P005 2024.05.28				
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 比例 SCALE: 1:1 型号 SHEET: 1 OF 1	名称 PART NAME TG-4BP直式插头 (不带护套式尾帽) (without jacketed tail cap)
REV/版本	A1	REV/版本	A1	型号 PART NAME TGG. 4BP. 330. KWKAD92