

### 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: 96hr

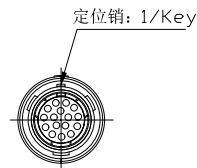
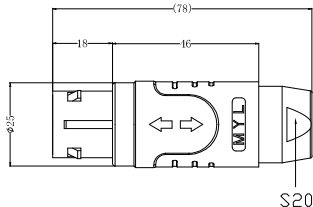
### Mechanical data/机械特性:

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:  $\phi 5.1\text{mm}-\phi 6.0\text{mm}$



### 2. 电气性能

Insert Configuration/针芯配置: 4BP. 316 16Low Voltage

Pin Size/接触件直径:  $\phi 0.9\text{mm}$

Contact resistance接触电阻:  $\leq 4\text{m}\Omega$

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

Withstand voltage/耐电压:  $1350\text{V(AC)}$

Rated working current额定工作电流: 10.0A

### 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

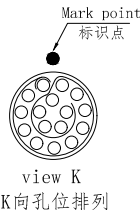
Other Shell Material/其它壳体材质: 铜镀镍

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



DRAWN BY: 绘图: P003	2024. 05. 28
CHECKED BY: 审核: Z01	2024. 05. 28
APPROVED BY: 核准: P005	2024. 05. 28



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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-1BP直式插头(不带护套式尾帽)
		比例 SCALE: 1: 1	PART NAME	TG-4BP Straight Plug (without jacketed tail cap)
REV/版本	A1	型号 PART NAME	TGG. 4BP. 316. KWKAD62	
SHEET: 1 OF 1				