

## 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:  $96\text{hr}$

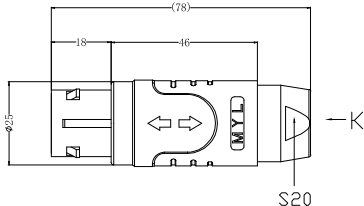
### Mechanical data/机械特性:

Vibration/振动:  $15\text{g}[10\text{Hz} \sim 2000\text{Hz}]$

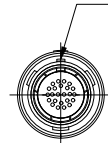
Shock Resistance/冲击:  $100\text{g}[6\text{ms}]$

Endurance (Shell)/机械寿命:  $5000+$

Cable/配接电缆:  $\phi 11.1\text{mm} - \phi 12.0\text{mm}$



定位销: 1/Key



## 2. 电气性能

Insert Configuration/针芯配置:  $4\text{BP. } 324 \text{ 24Low Voltage}$

Pin Size/接触件直径:  $\phi 0.9\text{mm}$

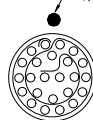
Contact resistance接触电阻:  $\leq 9\text{m}\Omega$

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

Withstand voltage/耐电压:  $1200\text{V}(\text{AC})$

Rated working current额定工作电流:  $7.0\text{A}$

Mark point  
标识点



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:  $\text{IP50}$

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

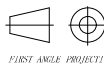
DRAWN BY:  
绘图: FPD03 2024.05.28  
CHECKED BY:  
审核: Z01 2024.05.28  
APPROVED BY:  
核准: FPD05 2024.05.28



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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 PART NAME

比例 SCALE: 1:1

大小 SIZE: A1

型号 PART NAME

REV/版本 A1

SHEET: 1 OF 1

TG-1BP直式插头(不带护套式尾帽)  
TG-4BP Straight Plug  
(without jacketed tail cap)

TGG. 4BP. 324. KWKAD122