

# 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

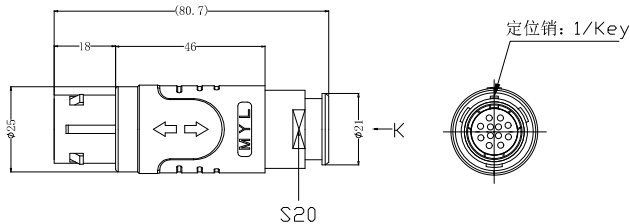
## Mechanical data / 机械特性:

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

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

Endurance (Shell) / 机械寿命: 5000+

Cable / 配接电缆:  $\phi 10.1\text{mm} - \phi 11.0\text{mm}$



## 2. 电气性能

Insert Configuration / 针芯配置: 4BP, 312 12Low Voltage

Pin Size / 接触件直径:  $\phi 1.3\text{mm}$

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

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

Withstand voltage / 耐电压:  $1450\text{V(AC)}$

Rated working current / 额定工作电流:  $12.0\text{A}$

## 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

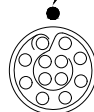
Other Shell Material / 其它壳体材质: 铜镀镍

Insulator material / 绝缘体材料: PEEK

IP Rating / 防护等级: IP50

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

Mark point  
标识点



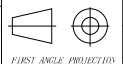
view K  
K向孔位排列

DRAWN BY:  
绘图: P003 2024.05.28  
CHECKED BY:  
审核: Z01 2024.05.28  
APPROVED BY:  
核准: P005 2024.05.28

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



美易连电子科技(深圳)有限公司  
Meiyilian electronic technology(shenzhen)Co.,Ltd.



FIRST ANGLE PROJECTION

单位  
UNIT: mm  
比例  
SCALE: 1:1  
SIZE: A4

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.312.KWKAD112Z

REV / 版本

A1

SHEET: 1 OF 1