

## 1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55℃~150℃

Humidity(max)/最大潮湿 : <=95% [at 60 deg C / 140 F]

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

Salt Spray Corrosion/盐雾 : 96hr

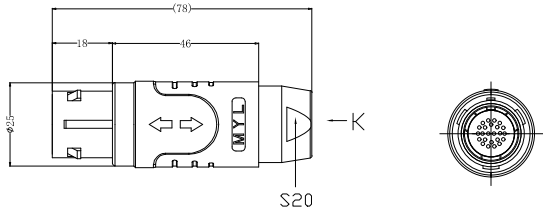
### Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]

Shock Resistance/冲击 : 100g[6ms]

Endurance (Shell)/机械寿命 : 5000+

Cable/配接电缆:  $\phi$ 7.1mm- $\phi$ 8.0mm



## 2. 电气性能

Insert Configuration/针芯配置: 4BP.324 24Low Voltage

Pin Size/接触件直径:  $\phi$ 0.9mm

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

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

Withstand voltage/耐电压: 1200V(AC)

Rated working current额定工作电流: 7.0A

### Other Specification/其它规格:

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

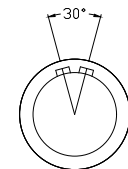
Housing Material/外壳材质 : PEEK

Other Shell Material/其它壳体材质: 铜镀镍

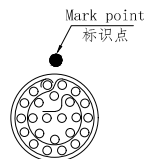
Insulator material/绝缘体材料: PPS

IP Rating/防护等级 : IP50



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



Plug front view  
插头前视图



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	 美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd.	名称 PART NAME TG-4BP直式插头(不带护套式尾帽) TG-4BP Straight Plug (without jacketed tail cap)	
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10$ $\pm 0.1$ $10 < \leq 20$ $\pm 0.15$ $20 < \leq 50$ $\pm 0.3$ AngLe $\pm 1^\circ$	 FIRST ANGLE PROJECTION	单位 UNIT: mm 比例 SCALE: 1:1 尺寸 SIZE: M4	型号 PART NAME TGG. 4BP. 324. KWLAD82
REV/版本	A1	SHEET: 1 OF 1	