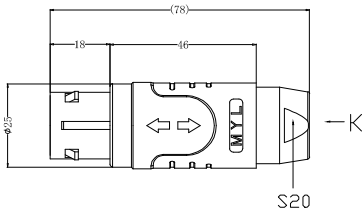


# 1. Product main performance/产品主要性能指标:

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:  $\phi$ 13.1mm- $\phi$ 14.0mm



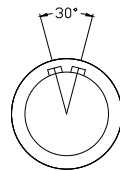
# 2. 电气性能

Insert Configuration/针芯配置: 4BP. 306 6Low Voltage  
 Pin Size/接触件直径:  $\phi$ 2.0mm  
 Contact resistance接触电阻:  $\leq$ 3.5m $\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 2000V(AC)  
 Rated working current额定工作电流: 24.0A

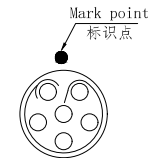
## Other Specification/其它规格:

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

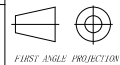
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘制

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.

GENERAL TOLERANCE  
(UNLESS SPECIFIED)  
 $\leq 10 \pm 0.1$   
 $< 10^\circ \leq 20 \pm 0.15$   
 $< 20^\circ \leq 30 \pm 0.3$   
 Angle  $\pm 1'$



FIRST ANGLE PROJECTION

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

名称  
PART NAME  
 型号  
PART NAME

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

TGA. 4BP. 306. KWLAD142

REV/版本 A1 SHEET. 1 OF 1