

### 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

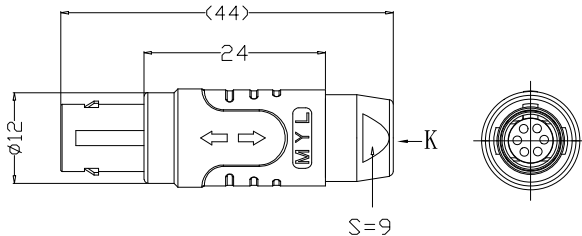
### Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆:  $\phi 4.4\text{mm}-\phi 5.3\text{mm}$



### 2. 电气性能

Insert Configuration/针芯配置: 1BP, 306 6Low Voltage

Pin Size/接触件直径:  $\phi 0.7\text{mm}$

Contact resistance接触电阻:  $\leq 12.5\text{m}\Omega$

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

Withstand voltage/耐电压: 1050V(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

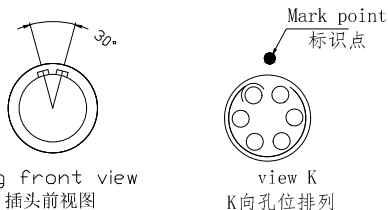
Housing Material/外壳材质: PEEK

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

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

DRAWN BY:  
绘图: PD03 2024.05.28

CHECKED BY:  
审核: ZDY 2024.05.28

APPROVED BY:  
核准: PD03 2024.05.28



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

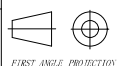
GENERAL TOLERANCE  
(UNLESS SPECIFIED)

$\leq 10 \pm 0.1$

$< 10^\circ \leq 20 \pm 0.15$

$< 20^\circ \leq 50 \pm 0.3$

Angle  $\pm 1^\circ$



单位  
UNIT: mm

名称  
PART NAME

比例  
SCALE: 1: 1

大小  
SIZE: A1

名称  
PART NAME

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

REV/版本 A1

https://www.mylconnector.com/

型号  
PART NAME

TGA.1BP.306.KWLAD58

SHEET-1 OF 1