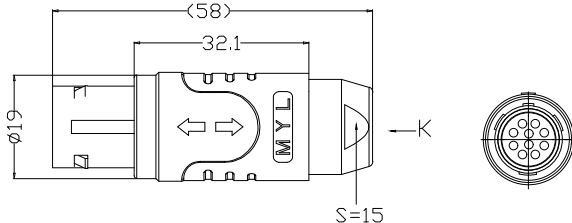


## 1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 :  $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$   
 Humidity(max)/最大潮湿 :  $<95\%$  [at 60 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 :  $15\text{g}$  [10Hz~2000Hz]  
 Shock Resistance/冲击 :  $100\text{g}$  [6ms]  
 Endurance (Shell)/机械寿命 : 5000+  
 Cable/配接电缆:  $\phi 5.1\text{mm} - \phi 6.0\text{mm}$



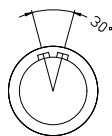
## 2. 电气性能

Insert Configuration/针芯配置: 3BP.310 10Low Voltage  
 Pin Size/接触件直径:  $\phi 1.3\text{mm}$   
 Contact resistance接触电阻:  $\leq 5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $50000\Omega$  (测试电压500V (DC))  
 Withstand voltage/耐电压:  $1250\text{V}$  (AC)  
 Rated working current额定工作电流:  $12.0\text{A}$

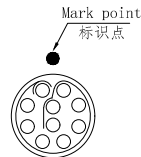
### Other Specification/其它规格:

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.



Plug front view  
插头前视图



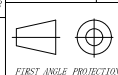
view K  
K向孔位排列

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

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



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



FIRST ANGLE PROJECTION

REV/版本 A1

单位  
UNIT: mm

比例  
SCALE: 1:1

名称  
PART NAME

型号  
PART NAME

SHEET: 1 OF 1

名称  
PART NAME

型号  
PART NAME

TG-3BP直式插头(不带护套式尾帽)

TG-3BP Straight Plug

(without jacketed tail cap)

TGA.3BP.310.KWKAD62

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<https://www.mylconnector.com/>

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<https://www.mylconnector.com/>

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