

# 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:  $\phi 4.1\text{mm}-\phi 5.0\text{mm}$

# 2. 电气性能

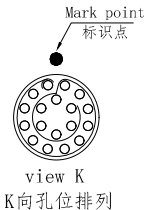
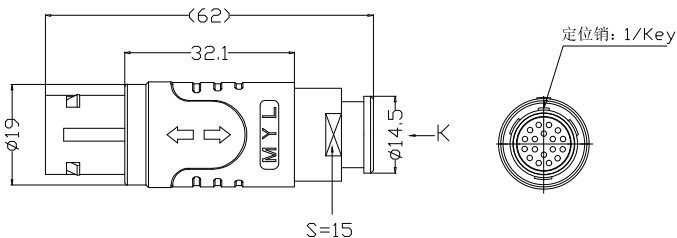
Insert Configuration/针芯配置: 3BP. 318 18Low Voltage  
 Pin Size/接触件直径:  $\phi 0.9\text{mm}$   
 Contact resistance接触电阻:  $\leq 6\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1200V(AC)  
 Rated working current额定工作电流: 7.0A

## 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.

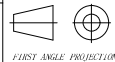
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图



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

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)  
 $\leq 10 \pm 0.1$   
 $< 10^\circ \sim \leq 20^\circ \pm 0.15$   
 $< 20^\circ \sim \leq 50^\circ \pm 0.3$   
 Angle  $\pm 1^\circ$



FIRST ANGLE PROJECTION

UNIT: mm  
 比例 SCALE: 1:1  
 SIZE: A4

REV/版本 A1 SHEET: 1 OF 1

名称 PART NAME TG-3BP直式插头(带护套式尾帽)  
 TG-3BP Straight Plug  
 (with jacketed tail cap)  
 型号 PART NAME TGG. 3BP. 318. KWLAD52Z