

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55°C~150°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 : 15g[10Hz~2000Hz]  
 Shock Resistance/冲击 : 100g[6ms]  
 Endurance (Shell)/机械寿命 : 5000+  
 Cable/配接电缆:  $\phi$ 4.1mm- $\phi$ 5.0mm

2. 电气性能

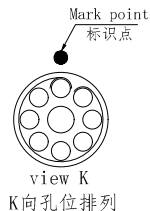
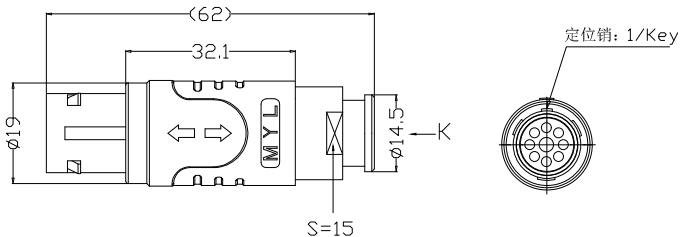
Insert Configuration/针芯配置: 3BP. 309 9Low Voltage  
 Pin Size/接触件直径:  $\phi$ 2.0/1.3mm  
 Contact resistance接触电阻:  $\leq$ 3.5m $\Omega$ ,  $\leq$ 5m $\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1350V(AC)  
 Rated working current额定工作电流: 15.0/6.0A

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

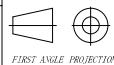


DRAWN BY:  
绘图: P003 2024.05.28  
 CHECKED BY:  
审核: 201 2024.05.28  
 APPROVED BY:  
核准: P005 2024.05.28



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  
 $< 20^{\circ}$   $\leq$ 50  $\pm$ 0.3  
 Angle  $\pm$ 1°



FIRST ANGLE PROJECTION

单位  
UNIT: mm

名称  
PART NAME

比例  
SCALE: 1:1

型号  
PART NAME

REV/版本  
A1

SHEET. 1 OF 1

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. 309. KWLAD52Z