

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:  $\phi 6.1\text{mm}-\phi 7.0\text{mm}$

2. 电气性能

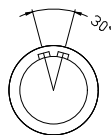
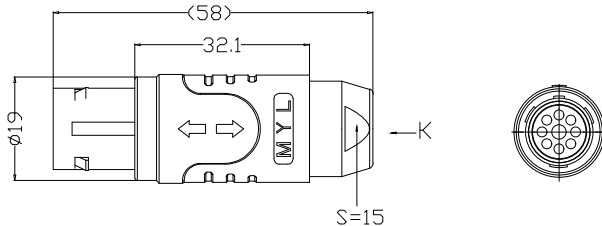
Insert Configuration/针芯配置:3BP.309 9Low Voltage  
 Pin Size/接触件直径: $\phi 2.0/1.3\text{mm}$   
 Contact resistance接触电阻: $\leq 3.5\text{m}\Omega, \leq 5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:1350V(AC)  
 Rated working current额定工作电流:15.0/6.0A

Other Specification/其它规格:

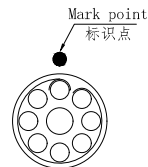
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级 : IP50

\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

REV/版本	DESCRIPTION/描述内容	DATE/日期	DRAWN BY/绘图



Plug front view  
插头前视图



view K  
K向孔位排列

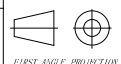
DRAWN BY:  
绘图:PD03 2024.05.28  
 CHECKED BY:  
审核:Z01 2024.05.28  
 APPROVED BY:  
核准:PD05 2024.05.28



美易连电子科技(深圳)有限公司

Meiyilian electronic technology (shenzhen) Co., Ltd.

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



FIRST ANGLE PROJECTION

单位  
UNT: mm  
比例  
SCALE: 1: 1

名称  
PART NAME

TG-3BP直式插头(不带护套式尾帽)  
TG-3BP Straight Plug  
(without jacketed tail cap)

型号  
PART NAME

TGA. 3BP. 309. KWKAD72

REV/版本

A1

SHEET. 1 OF 1