

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:  $\phi$ 3.1mm- $\phi$ 4.0mm

2. 电气性能

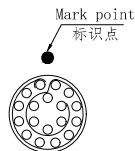
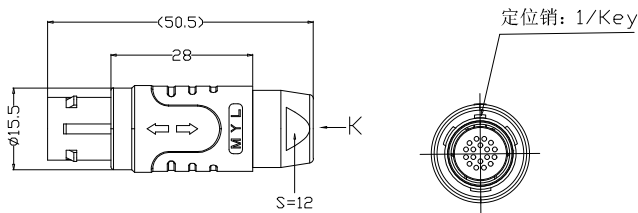
Insert Configuration/针芯配置:2BP.318 18Low Voltage  
 Pin Size/接触件直径: $\phi$ 0.7mm  
 Contact resistance接触电阻: $\leq$ 12.5m $\Omega$   
 Insulation resistance/绝缘电阻:5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:850V(AC)  
 Rated working current额定工作电流:5.5A

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: 铜镍镍  
 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/变更内容	DATE/日期	DRAWN BY/位图



view K  
K向孔位排列

**MEIYILIAN** 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  
 $<10^{\circ}$   $\leq$ 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
尺寸 SIZE: A4	REV/版本 A1	SHEET: 1 OF 1

TG-2BP直式插头 (不带护套式尾帽)  
 TG-2BP Straight Plug  
 (without jacketed tail cap)  
 TGG. 2BP. 318. KWKAD42