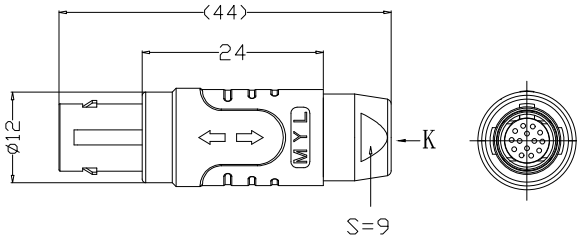


1. Product main performance/产品主要性能指标:

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:  $\phi$ 4.1mm- $\phi$ 5.0mm



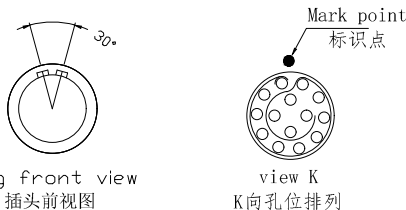
2. 电气性能

Insert Configuration/针芯配置: 1BP. 314 14Low Voltage  
 Pin Size/接触件直径:  $\phi$ 0.5mm  
 Contact resistance接触电阻:  $\leq$ 15m $\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 750V(AC)  
 Rated working current额定工作电流: 2.0A

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.



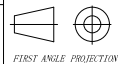
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘制

DRAWN BY:  
 绘图: P003 2024.05.28  
 CHECKED BY:  
 审核: Z01 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°  $\leq$ 20  $\pm$ 0.15  
 $<$ 20°  $\leq$ 50  $\pm$ 0.3  
 Angle  $\pm$ 1°



FIRST ANGLE PROJECTION

单位  
 UNIT: mm  
 比例  
 SCALE: 1:1  
 SIZE: A4

名称 PART NAME	TG-1BP直式插头(不带护套式尾帽) TG-1BP Straight Plug (without jacketed tail cap)
型号 PART NAME	TGA. 1BP. 314. KWLAD52

REV/版本	A1	SHEET: 1 OF 1
--------	----	---------------