

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:  $\phi 4.4\text{mm}-\phi 5.3\text{mm}$

2. 电气性能

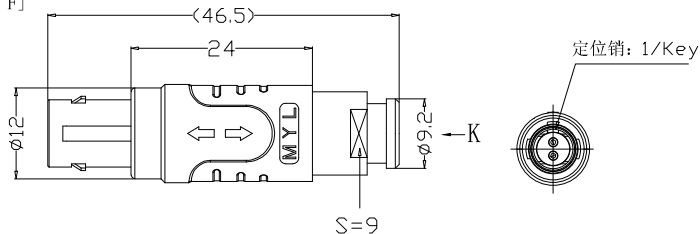
Insert Configuration/针芯配置: IBP.302 2Low Voltage  
 Pin Size/接触件直径:  $\phi 1.3\text{mm}$   
 Contact resistance接触电阻:  $\leq 5\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1500V(AC)  
 Rated working current额定工作电流: 15.0A

Other Specification/其它规格:

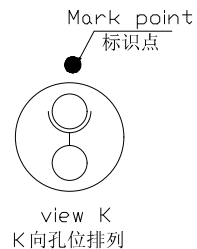
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质 : 铜镀镍  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级 : IP50


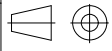
\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

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



定位销: 1/Key



DRAWN BY: 绘图: P003 2024.05.28		 美易连电子科技(深圳)有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd.		
CHECKED BY: 审核: Z01 2024.05.28				
APPROVED BY: 核准: P005 2024.05.28				
GENERAL TOLERANCE (UNLESS SPECIFIED)		 FIRST ANGLE PROJECTION	单位 UNIT: mm	名称 PART NAME: TG-IBP直式插头(带护套式尾帽) TG-IBP Straight Plug (with jacketed tail cap)
≤10 ±0.1 <10~≤20 ±0.15 <20~≤50 ±0.3 Angle ±1°			比例 SCALE: 1:1	
REV/版本 A1		SIZE: M	型号 PART NAME: TGG. IBP. 302. KWKAD58Z	
SHEET: 1 OF 1		图号 TGG. IBP. 302. KWKAD58Z		