

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:  $\phi$ 6.1mm- $\phi$ 7.0mm

2. 电气性能

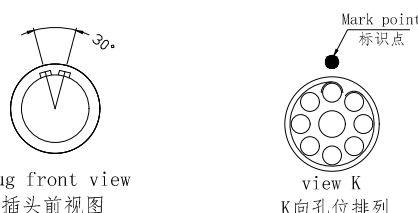
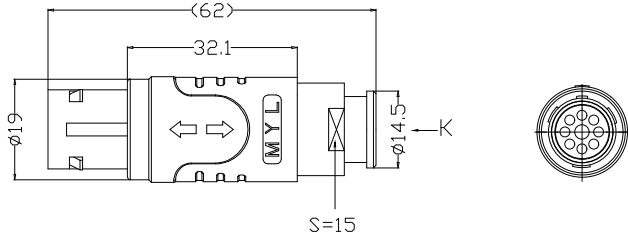
Insert Configuration/针芯配置: 3BP. 309 9Low Voltage  
 Pin Size/接触件直径:  $\phi$ 2.0/1.3mm  
 Contact resistance接触电阻:  $\leq$ 3.5m $\Omega$ ,  $\leq$ 5m $\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1350V(AC)  
 Rated working current额定工作电流: 15.0/6.0A

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 : 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/绘图



Plug front view  
插头前视图

view K  
K向孔位排列

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.	名称		TG-3BP 直式插头 (带护套式尾帽) TG-3BP Straight Plug (with jacketed tail cap)
CHECKED BY: 审核: Z01 2024.05.28			PART NAME		
APPROVED BY: 核准: P005 2024.05.28			型号		TGA. 3BP. 309. KWKAD7Z2
GENERAL TOLERANCE (UNLESS SPECIFIED)		FIRST ANGLE PROJECTION		REN/版本	A1
$\leq 10$ $\pm 0.1$ $< 10^\circ \sim \leq 20$ $\pm 0.15$ $> 20^\circ \sim \leq 50$ $\pm 0.3$ Angle $\pm 1^\circ$		单位 UNIT: mm 比例 SCALE: 1: 1 尺寸 SIZE: A4		SHEET: 3 OF 1	