

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度:  $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$   
 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:  $15\text{g}$  [10Hz~2000Hz]  
 Shock Resistance/冲击:  $100\text{g}$  [6ms]  
 Endurance (Shell)/机械寿命: 5000+  
 Cable/配接电缆:  $\phi 10.9\text{mm} - \phi 11.8\text{mm}$

2. 电气性能

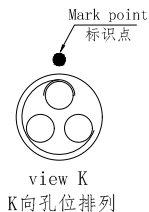
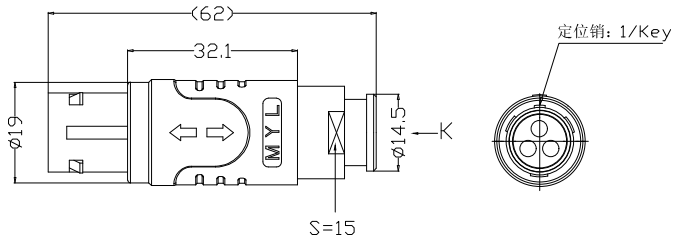
Insert Configuration/针芯配置: 3BP, 303 3Low Voltage  
 Pin Size/接触件直径:  $\phi 2.0\text{mm}$   
 Contact resistance接触电阻:  $\leq 3.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $50000\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:  $1900\text{V}$ (AC)  
 Rated working current额定工作电流:  $25.0\text{A}$


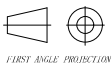
Other Specification/其它规格:

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



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 PART NAME TC-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		
APPROVED BY: 核准: P006	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 $\pm 1^{\circ}$		单位 UNIT: mm 比例 SCALE: 1: 1 名称 PART NAME TC-3BP 直式插头 (带护套式尾帽) TG-3BP Straight Plug (with jacketed tail cap)	名称 PART NAME TC-3BP 直式插头 (带护套式尾帽) TG-3BP Straight Plug (with jacketed tail cap)
FIRST ANGLE PROJECTION 		名称 PART NAME TC-3BP 直式插头 (带护套式尾帽) TG-3BP Straight Plug (with jacketed tail cap)	名称 PART NAME TC-3BP 直式插头 (带护套式尾帽) TG-3BP Straight Plug (with jacketed tail cap)
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