

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:  $\leq 95\%$  [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:  $\phi 10.9\text{mm} - \phi 11.8\text{mm}$

2. 电气性能

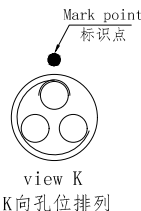
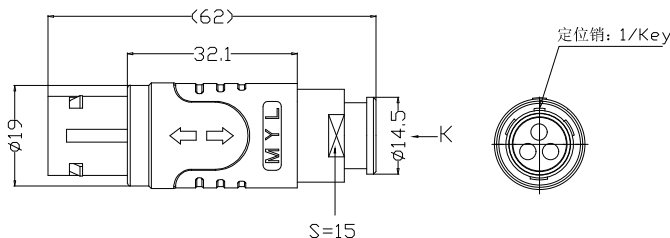
Insert Configuration / 针芯配置: 3BP.303 3Low Voltage  
 Pin Size / 接触件直径:  $\phi 2.0\text{mm}$   
 Contact resistance / 接触电阻:  $\leq 3.5\text{m}\Omega$   
 Insulation resistance / 绝缘电阻: 5000M $\Omega$  (测试电压500V (DC))  
 Withstand voltage / 耐电压: 1900V (AC)  
 Rated working current / 额定工作电流: 25.0A

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 / 更改内容	DATE / 日期	DRAWN BY / 绘图

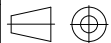


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DRAWN BY: 绘图: PDD03	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: PDD05	2024.05.28
GENERAL TOLERANCE (UNLESS SPECIFIED)	
$\leq 10 \pm 0.1$	
$< 10^{\circ} \sim 20^{\circ} \pm 0.15$	
$< 20^{\circ} \sim 50^{\circ} \pm 0.3$	
Angle $\pm 1^{\circ}$	



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FIRST ANGLE PROJECTION

单位 UNIT: mm	名称 PART NAME	TG-3BP 直式插头 (带护套式尾帽) TG-3BP Straight Plug (with jacketed tail cap)
比例 SCALE: 1:1		
尺寸 SIZE: A4	型号 PART NAME	TGG. 3BP. 303. KWLAD120Z
REV/版本 A1		
SHEET: 1 OF 1		