

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

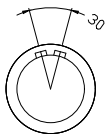
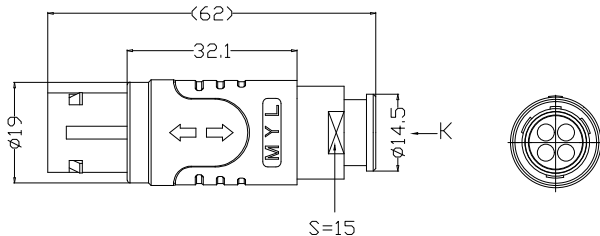
Insert Configuration/针芯配置: 3BP. 304 4Low Voltage  
 Pin Size/接触件直径:  $\phi 2.0\text{mm}$   
 Contact resistance接触电阻:  $\leq 3.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1450V(AC)  
 Rated working current额定工作电流: 19.0A

Other Specification/其它规格:

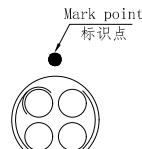
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质: PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PPS  
 IP Rating/防护等级: IP50

\*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 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) $\leq 10 \pm 0.1$ $< 10 \sim \leq 20 \pm 0.15$ $< 20 \sim \leq 50 \pm 0.3$ Angle $\pm 1^{\circ}$	<table border="1"> <tr> <td>                  FIRST ANGLE PROJECTION             </td> <td>                 单位 UNIT: mm                  比例 SCALE: 1:1                  名称 PART NAME                  型号 PART NAME             </td> <td>                 TG-3BP直式插头(带护套式尾帽)                  TG-3BP Straight Plug                  (with jacketed tail cap)                  TGA. 3BP. 304. KWLAD120Z             </td> </tr> <tr> <td>                 REV/版本 A1             </td> <td>                 SHEET: 1 OF 1             </td> <td> </td> </tr> </table>	FIRST ANGLE PROJECTION	单位 UNIT: mm 比例 SCALE: 1:1 名称 PART NAME 型号 PART NAME	TG-3BP直式插头(带护套式尾帽) TG-3BP Straight Plug (with jacketed tail cap) TGA. 3BP. 304. KWLAD120Z	REV/版本 A1	SHEET: 1 OF 1	
FIRST ANGLE PROJECTION	单位 UNIT: mm 比例 SCALE: 1:1 名称 PART NAME 型号 PART NAME	TG-3BP直式插头(带护套式尾帽) TG-3BP Straight Plug (with jacketed tail cap) TGA. 3BP. 304. KWLAD120Z					
REV/版本 A1	SHEET: 1 OF 1						