

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:  $\phi 10.9\text{mm} - \phi 11.8\text{mm}$

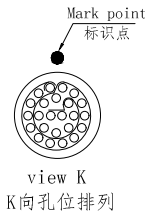
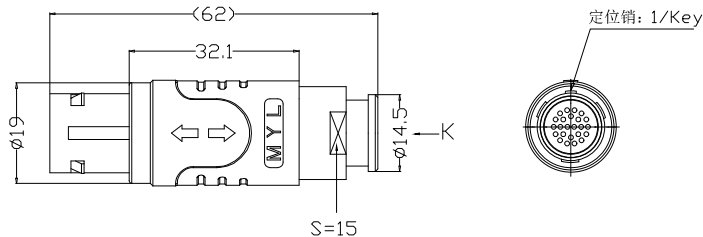
2. 电气性能

Insert Configuration/针芯配置: 3BP. 324 24Low Voltage  
 Pin Size/接触件直径:  $\phi 0.7\text{mm}$   
 Contact resistance接触电阻:  $\leq 4.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:  $950\text{V}$  (AC)  
 Rated working current额定工作电流:  $4.0\text{A}$

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: PPS  
 IP Rating/防护等级: IP50

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



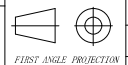
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REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/设计

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.	
	单位 UNIT: mm	名称 PART NAME

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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比例 SCALE: 1:1	型号 PART NAME
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TG-3BP直式插头(带护套式尾帽)  
TG-3BP Straight Plug  
(with jacketed tail cap)

REN/版本	A1	SHEET: 1 OF 1	型号 PART NAME	TGG. 3BP. 324. KWLAD120Z
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