

## 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:  $\phi 4.1\text{mm}-\phi 5.0\text{mm}$

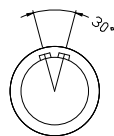
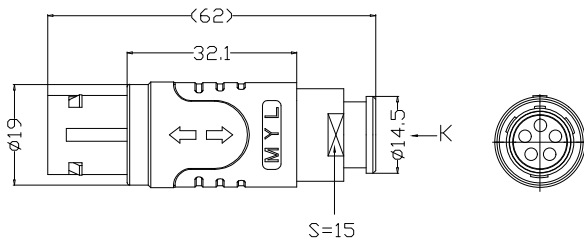
## 2. 电气性能

Insert Configuration/针芯配置: 3BP. 305 5Low Voltage  
 Pin Size/接触件直径:  $\phi 1.6\text{mm}$   
 Contact resistance接触电阻:  $\leq 4\text{m}\Omega$   
 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: 19.0A

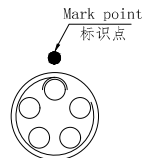
### Other Specification/其它规格:

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.



Plug front view  
插头前视图



view K  
K到孔位排列

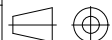
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/公图

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GENERAL TOLERANCE (UNLESS SPECIFIED)	UNIT: mm	名称	TG-3BP 直式插头 (带护套式尾帽)
$\leq 10 \pm 0.1$	比例	PART NAME	TG-3BP Straight Plug
$10 < \leq 20 \pm 0.15$	SCALE: 1: 1	型号	(with jacketed tail cap)
$20 < \leq 50 \pm 0.3$	SIZE: A4	PART NAME	TGA. 3BP. 305. KWLAD52Z
Angle $\pm 1^\circ$	FIRST ANGLE PROJECTION	PART NAME	



FIRST ANGLE PROJECTION

REV/版本	A1	SHEET: 1 OF 1