

## 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: Ø8.1mm-Ø9.0mm

## 2. 电气性能

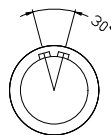
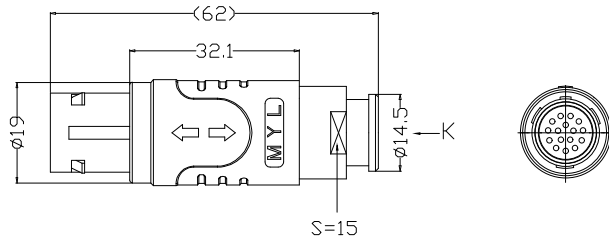
Insert Configuration/针芯配置:3BP.316 16Low Voltage  
 Pin Size/接触件直径:Ø0.9mm  
 Contact resistance接触电阻:≤6mΩ  
 Insulation resistance/绝缘电阻:5000Ω (测试电压500V(DC))  
 Withstand voltage/耐电压:1200V(AC)  
 Rated working current额定工作电流:8.0A

### Other Specification/其它规格:

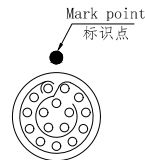
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PPS  
 IP Rating/防护等级 : IP50

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

REV/版本	DESCRIPTION/描述内容	DATE/日期	DRAWN BY/绘图



Plug front view  
插头前视图



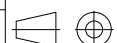
view K  
K向孔位排列

DRAWN BY:  
绘图: P003 2024.05.28  
 CHECKED BY:  
审核: Z01 2024.05.28  
 APPROVED BY:  
核准: P005 2024.05.28



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GENERAL TOLERANCE  
(UNLESS SPECIFIED)  
 ≤10 ±0.1  
 <10°~≤20 ±0.15  
 <20°~≤50 ±0.3  
 Angle ±1°



FIRST ANGLE PROJECTION

单位  
UNIT: mm

比例  
SCALE: 1:1

SIZE: A1

REV/版本 A1 SHEET: 1 OF 1

名称  
PART NAME

型号  
PART NAME

TG-3BP直式插头(不带护套式尾帽)  
 TG-3BP Straight Plug  
 (without jacketed tail cap)

TGA. 3BP. 316. KWLAD92Z