

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: Ø5.1mm-Ø6.0mm

2. 电气性能

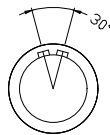
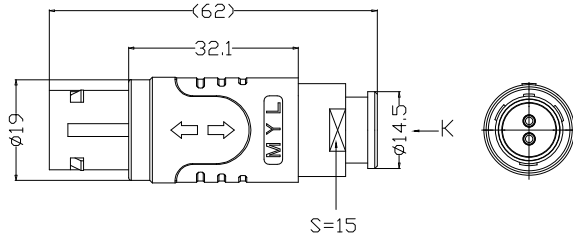
Insert Configuration/针芯配置:3BP.302 2Low Voltage  
 Pin Size/接触件直径:Ø3.0mm  
 Contact resistance接触电阻:≤3mΩ  
 Insulation resistance/绝缘电阻:5000Ω (测试电压500V(DC))  
 Withstand voltage/耐电压:2100V(AC)  
 Rated working current额定工作电流:35.0A

Other Specification/其它规格:

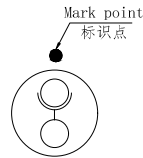
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质 : 铜镀镍  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级 : IP50

\*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



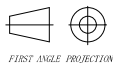
view K  
K向孔位排列

DRAWN BY:  
绘图: P003 2024.05.28  
 CHECKED BY:  
审核: Z01 2024.05.28  
 APPROVED BY:  
批准: 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)  
 ≤10 ±0.1  
 <math>10^{\sim}20</math> ±0.15  
 <math>20^{\sim}50</math> ±0.3  
 Angle ±1°



FIRST ANGLE PROJECTION

单位  
UNIT: mm  
 名称  
PART NAME  
 比例  
SCALE: 1:1  
 型号  
PART NAME  
 REV/版本 A1  
 SHEET: 1 OF 1

TG-3BP直式插头(带护套式尾帽)  
 TG-3BP Straight Plug  
 (with jacketed tail cap)  
 TGA. 3BP. 302. KWKAD62Z