

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55°C~150°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 : 15g[10Hz~2000Hz]
 Shock Resistance/冲击 : 100g[6ms]
 Endurance (Shell)/机械寿命 : 5000+
 Cable/配接电缆: ϕ 7.1mm- ϕ 8.0mm

2. 电气性能

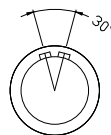
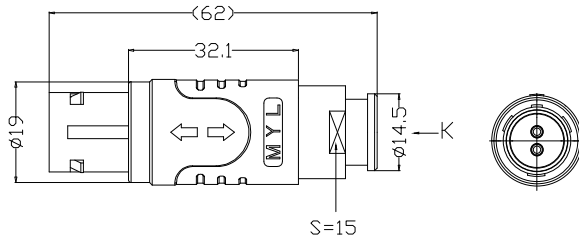
Insert Configuration/针芯配置: 3BP. 302 2Low Voltage
 Pin Size/接触件直径: ϕ 3.0mm
 Contact resistance接触电阻: \leq 3m Ω
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 2100V(AC)
 Rated working current额定工作电流: 35.0A

Other Specification/其它规格:

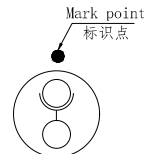
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质 : PEEK
 Other Shell Material/其它壳体材质 : 铜镀镍
 Insulator material/绝缘体材料 : PPS
 IP Rating/防护等级 : IP50

*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 CHECKED BY: 审核: Z01 APPROVED BY: 核准: P005	2024.05.28 2024.05.28 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 比例 SCALE: 1:1 型号 PART NAME	TG-3BP直式插头(带护套式尾帽) TG-3BP Straight Plug (with jacketed tail cap)
GENERAL TOLERANCE (UNLESS SPECIFIED) \leq 10 \pm 0.1 $<10^{\circ}$ \leq 20 \pm 0.15 $<20^{\circ}$ \leq 50 \pm 0.3 Angle \pm 1°	FIRST ANGLE PROJECTION		名称 PART NAME 型号 PART NAME	TGA. 3BP. 302. KWLAD82Z
REV/版本	A1	SHEET: 1 OF 1		