

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: $\phi 8.1\text{mm}-\phi 9.0\text{mm}$

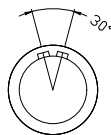
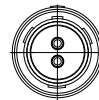
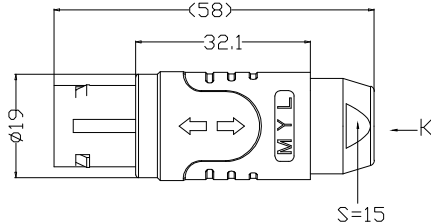
2. 电气性能

Insert Configuration/针芯配置:3BP.302 2Low Voltage
 Pin Size/接触件直径: $\phi 3.0\text{mm}$
 Contact resistance接触电阻: $\leq 3\text{m}\Omega$
 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

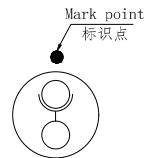
Other Specification/其它规格:

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: 铜电镀
 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.



Plug front view
插头前视图



view K
K向孔位排列

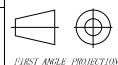
REV/版本号	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/制图

DRAWN BY:
绘图: P003 2024.05.28
 CHECKED BY:
审核: Z01 2024.05.28
 APPROVED BY:
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GENERAL TOLERANCE
(UNLESS SPECIFIED)
 $\leq 10 \pm 0.1$
 $< 10 \sim \leq 20 \pm 0.15$
 $< 20 \sim \leq 30 \pm 0.3$
 Angle $\pm 1^\circ$



REV/版本 A1

UNIT: mm
 SCALE: 1:1
 SIZE: A4
 SHEET: 1 OF 1

名称 PART NAME	TG-3BP直式插头(不带护套式尾帽) TG-3BP Straight Plug (without jacketed tail cap)
型号 PART NAME	TGA.3BP.302.KWKAD92