

## 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:  $\phi$ 4.1mm- $\phi$ 5.0mm

## 2. 电气性能

Insert Configuration/针芯配置:3BP.324 24Low Voltage

Pin Size/接触件直径: $\phi$ 0.7mm

Contact resistance接触电阻: $\leq$ 4.5m $\Omega$

Insulation resistance/绝缘电阻:5000M $\Omega$  (测试电压500V(DC))

Withstand voltage/耐电压:950V(AC)

Rated working current额定工作电流:4.0A

### 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

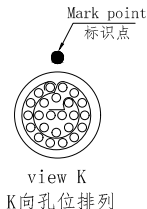
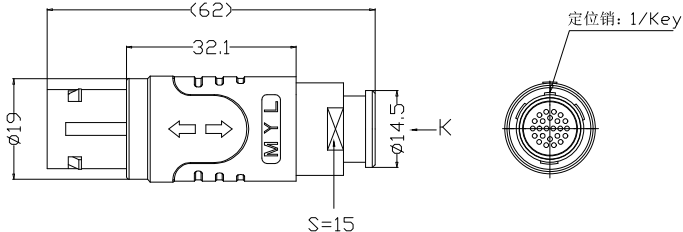
Other Shell Material/其它壳体材质: 铜镀镍

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/变更内容	DATE/日期	DRAWN BY/绘图



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) $\leq 10$ $\pm 0.1$ $< 10^\circ \leq 20$ $\pm 0.15$ $> 20^\circ \leq 50$ $\pm 0.3$ Angle $\pm 1^\circ$	FIRST ANGLE PROJECTION	单位 UNIT: mm	名称 PART NAME	TG-3BP直式插头(带护套式尾帽) TG-3BP Straight Plug (with jacketed tail cap)
		比例 SCALE: 1: 1	型号 PART NAME	
REV/版本 A1		SHEET: 1 OF 1		TGG. 3BP. 324. KWLAD52Z