

# 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:  $\phi 4.1\text{mm}-\phi 5.0\text{mm}$

## 2. 电气性能

Insert Configuration/针芯配置: 3BP. 307 7Low Voltage

Pin Size/接触件直径:  $\phi 1.6\text{mm}$

Contact resistance接触电阻:  $\leq 4\text{m}\Omega$

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

Withstand voltage/耐电压: 1700V(AC)

Rated working current额定工作电流: 15.0A

## 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

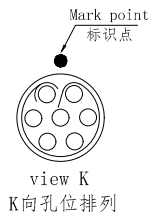
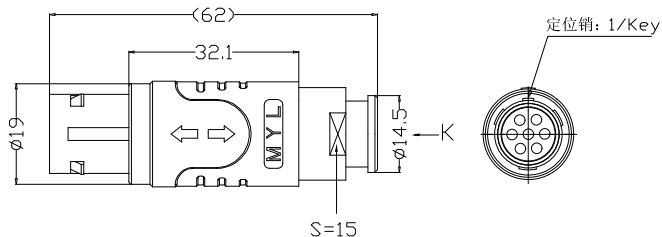
Other Shell Material/其它壳体材质: 铜电镀

Insulator material/绝缘体材料: 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

	<b>美易连电子科技(深圳)有限公司</b> Meiyilian electronic technology (shenzhen) Co., Ltd.	
		单位 UNIT: mm 比例 SCALE: 1:1 名称 PART NAME

GENERAL TOLERANCE (UNLESS SPECIFIED) ≤10 ±0.1 <10° ≤20 ±0.15 <20° ≤50 ±0.3 AngLe ±1°	FIRST ANGLE PROJECTION
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SIZE: A4 REV/版本 A1 SHEET: 1 OF 1	型号 PART NAME TGG. 3BP. 307. KWLAD52Z
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