

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$
 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: $\phi 8.1\text{mm} - \phi 9.0\text{mm}$

2. 电气性能

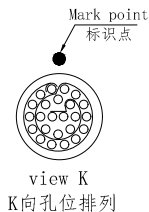
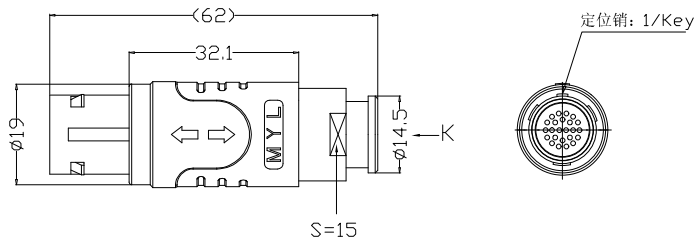
Insert Configuration/针芯配置: 3BP, 324 24Low Voltage
 Pin Size/接触件直径: $\phi 0.7\text{mm}$
 Contact resistance接触电阻: $\leq 4.5\text{m}\Omega$
 Insulation resistance/绝缘电阻: 50000Ω (测试电压500V (DC))
 Withstand voltage/耐电压: 950V (AC)
 Rated working current额定工作电流: 4.0A

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: 铜镀银
 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.

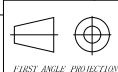
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|--------|------------------|---------|-------------|
| REV/版本 | DESCRIPTION/变更内容 | DATE/日期 | DRAWN BY/绘图 |
| | | | |



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|---|--------------|
| DRAWN BY: 绘图: P003 | 2024. 05. 28 |
| CHECKED BY: 审核: Z01 | 2024. 05. 28 |
| APPROVED BY: 核准: P006 | 2024. 05. 28 |
| GENERAL TOLERANCE (UNLESS SPECIFIED) | |
| $\leq 10^{\circ} \pm 0.1$ | |
| $< 10^{\circ} \leq 20^{\circ} \pm 0.15$ | |
| $< 20^{\circ} \leq 50^{\circ} \pm 0.3$ | |
| Angle $\pm 1^{\circ}$ | |



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|-------------------|-----------|--|
| 单位 UNIT: mm | 名称 | 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 | PART NAME | |
| SIZE: A4 | 型号 | TGG. 3BP. 324. KWKAD92Z |
| REV/版本 | A1 | SHEET: 1 OF 1 PART NAME |

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<https://www.myconnector.com/>

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