

● Feature 特性

- ★S1T 49SSMD 2pin贴片晶振、晶体谐振器
- ★电流封焊工艺，气密性好
- ★高精度、高频率稳定性、可靠性
- ★降低电磁干扰（EMI）影响
- ★优良的耐环境特性，可达工业级温度
- ★满足无铅焊接的回流温度曲线要求
- ★包装：编带卷装，1000pcs/卷

●Electrical specifications 电气参数

| 型号     | Holder Type                    | S1T 49SSMD                                      |
|--------|--------------------------------|---|
| 频率范围   | Frequency Toleranc (ΔF) at25°C | 3.2~37.0MHz (Fund)<br>37.0~70MHz (3rd Overtone) |
| 温度频差   | Frequency rift                 | ±10ppm~±50ppm                                   |
| 工作温度范围 | Operating Temperature Range    | -20°C~+70°C to -40°C~+85°C                      |
| 储存温度范围 | Storage Temperature Range      | -20°C~+60°C to -55°C~+125°C                     |
| 老化     | Aging 25°C                     | ±3ppm/year Maximum                              |
| 静电容    | Shunt Capacitance (C0)         | 7pf Maxmum                                      |
| 激励功率   | Drive Level                    | 10uw~50uw Typical                               |
| 绝缘阻抗   | Insulaton Resistance           | 500Mohms at DC 100V                             |
| 负载电容   | Load Capacitance (CL)          | Suggested by customer                           |



●Mechanical Dimensions 外型尺寸



●Equivalent Series Resistance and Mode of Operation  
等效电阻和振荡模式

| Frequency Range 频率范围 | ESR (ohm) 等效阻抗 | Mode 振荡模式      |
|----------------------|----------------|----------------|
| 3.200-3.579 MHz      | 150Max         | Fundamental    |
| 3.579-5.000 MHz      | 120Max         | Fundamental    |
| 5.000-6.000 MHz      | 100Max         | Fundamental    |
| 6.000-7.000 MHz      | 80Max          | Fundamental    |
| 7.000-10.000 MHz     | 60Max          | Fundamental    |
| 10.000-14.000 MHz    | 50Max          | Fundamental    |
| 14.000-20.000 MHz    | 40Max          | Fundamental    |
| 20.000-37.000 MHz    | 30Max          | Fundamental    |
| ≥32.000 MHz          | 80Max          | Third Overtone |

●Reflow condition 回流焊条件



●Frequency VS. Temperature Curve



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