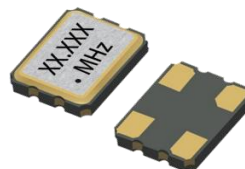


## 2.0×1.6 mm 晶体振荡器（SMD）



### 特性 (Features)

- 微型封装 (Miniature package) : 2.0×1.6×0.75mm
- 标准频率 (Standard Frequency) : 1 ~ 125MHz
- 三态输出 (Tri-state enable/disable)
- 无铅且符合RoHS/绿色环保标准 (Pb-free and RoHS/Green compliant)



### 应用 (Applications)

- 物联网 IOT
- 通信 Communication
- 工业控制 Industrial control

### 电性能参数 (Electrical Specifications)

| Item                                       | Specifications            |
|--------------------------------------------|---------------------------|
| 频率范围 (Frequency Range)                     | 1~125MHz                  |
| 电源电压 (Supply Voltage)                      | 1.8V、3.3V, or specif      |
| 输出方式 (Output Type)                         | CMOS                      |
| 调整频差 (Frequency Tolerance) (at 25° C)      | ±10ppm、±20ppm, or specify |
| 负载电容 (Load Capacitance)                    | 15pF                      |
| 工作温度 (Operating Temperature)               | - 40~+85°C or specify     |
| 储存温度 (Storage Temperature)                 | - 55~+125°C               |
| 温度频差 (Stability over operation temperance) | ±20ppm、±30ppm, or specify |
| 输出电压 (Output Voltage)                      | 90%VDD Min                |
|                                            | 10%VDD Max                |
| 三态输出 (Tri-State)                           | 70% of VDD Min            |
|                                            | 30% of VDD Max            |
| 占空比 (Duty Cycle)                           | 50±10%                    |
| 启动时间 (Start-up Time)                       | 5ms Max                   |
| 上升沿/下降沿 (Rise Time/Fall Time)              | 5ns Max                   |
| 老化 (Aging) (at 25° C)                      | ±3ppm/year Max            |

### 消耗电流 (Current Consumption)

| Supply Voltage | Frequency Range | Current |
|----------------|-----------------|---------|
| 1.8V           | 1~40MHz         | 5 mA    |
| 2.5V           | 41~54MHz        | 10 mA   |
| 3.3V           | 55~100MHz       | 35 mA   |

### 外形尺寸 (单位: mm) OUTLINE DIMENSIONS (UNIT:mm)

