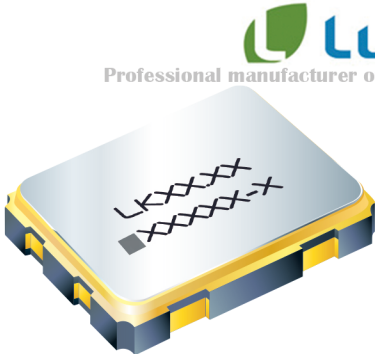


SMD RTC

Crystal Oscillators

5.0 x 3.2 x 1.2 mm Series



产品特点

- SMD缝小实时时钟振荡器密封陶瓷封装。
- 4引脚良好的焊接在PCB。
- AT基频模式提供了良好的频率稳定性。
- 三态功能可省电。
- 符合RoHS和无铅。

Features

- Small Real Time Clock oscillator in SMD seam sealed ceramic package.
- 4 pads design to achieve good soldering contact on PCB.
- AT fundamental solution provides good frequency stability.
- Tri-State function available for power saving.
- RoHS Compliant / Pb Free.

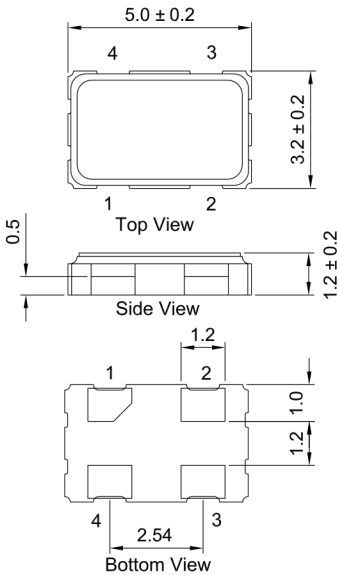
电气规格 Electrical Specifications

| Item/Type | Description |
|-----------|-------------|
|-----------|-------------|

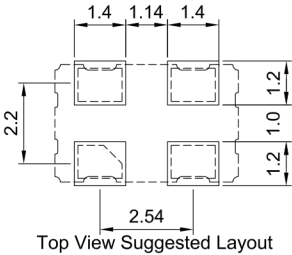
|         |                                |                      |
|---------|--------------------------------|----------------------|
| 输出类型    | Output Type                    | CMOS                 |
| 输出负载    | Output Load                    | 15 pF ,or specify    |
| 振荡模式    | Oscillation Mode               | AT Fundamental       |
| 电源电压    | Supply Voltage                 | 2.5 V, 2.8 V , 3.3 V |
| 频率范围    | Frequency Range                | 32.768 KHz           |
| 频率稳定    | Overall Frequency Stability*   | ±25 ppm              |
| 工作温度    | Operating Temperature Range    | - 40 ~ + 85°C        |
| 储存温度    | Storage Temperature Range      | - 55 ~ + 125°C       |
| TR / TF | Rise ( Tr ) / Fall ( Tf ) Time | 200ns Max.           |
| 电源电流    | Supply Current                 | 3mA Max.             |
| 对 称 性   | Symmetry                       | 45 ~ 55 %            |
| 启动时间    | Start-up Time                  | 10mS Max.            |
| 老化率     | Aging ( at 25°C )              | ±5 ppm at first year |

31

尺寸图 Dimensions



PAD FUNCTION:  
1: ENABLE CONTROL  
2: GND  
3: OUT  
4: VDD



Units: mm

物料编码 Material code

L531CK

SMD5.00 ×3.20

Sense Number  
D-Divided M-Multify

Frequency(KHz)

Voltage

Frequency Tolerance

CL

ESR