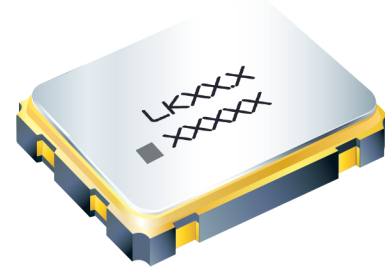


SMD Crystal Oscillators- CMOS Output 5.0 x 3.2 x 1.2 mm Series



产品特点

- 小型SMD接缝密封时钟晶体振荡器单元。
- 高精度特性，涵盖了广泛的频率范围。
- 设计用于自动安装和回流焊。
- 三态功能可用。
- 电源电压范围：1.8 V ~ 5 V。
- 高稳定性，低抖动，低功耗。
- 符合RoHS和无铅。

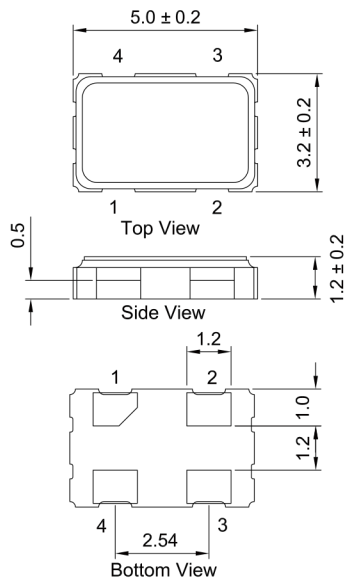
Features

- Small SMD seam sealed clock crystal oscillator units.
- High precision characteristic covering up to wide frequency range.
- Designed for automatic mounting and reflow soldering.
- Tri-State function available.
- Supply voltage range : 1.8 V ~ 5.0 V.
- High stability, low jitter, low power consumption.
- RoHS Compliant / Pb Free.

电气规格 Electrical Specifications

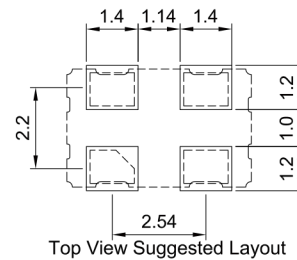
Item/Type	Description
输出类型 Output Type	CMOS
输出负载 Output Load	15 pF, 30 pF
振荡模式 Oscillation Mode	Fundamental / 3rd Overtone
电源电压 Supply Voltage	1.8V, 2.5V, 2.8V, 3.3 V, 5.0 V
频率范围 Frequency Range	1 ~ 170 MHz
频率稳定 Overall Frequency Stability*	±20 ppm, ±25 ppm, ±30 ppm, ±50 ppm
工作温度 Operating Temperature Range	- 10 ~ + 70°C , - 40 ~ + 85°C
储存温度 Storage Temperature Range	- 55 ~ + 125°C
TR / TF Rise (Tr) / Fall (Tf) Time	8 ns Max.
电流消耗 Current Consumption	1-75 MHz(5 mA Max,10 mA Max,20 mA Max) 75-150 MHz(15 mA Max,20 mA Max.)
对 称 性 Symmetry	40 ~ 55 %,40 ~ 60 %
启动时间 Start-up Time	5 mS Max.
相位抖动 Phase Jitter (12 KHz ~ 20 MHz)	1 pS Max.

尺寸图 Dimensions



PAD FUNCTION:

- 1: ENABLE CONTROL
- 2: GND
- 3: OUT
- 4: VDD



Units: mm

物料编码 Material code

