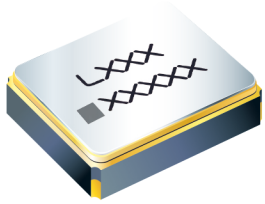
Lucki®
Professional manufacturer of quartz crystal

SMD TCXO
2.0 x 1.6 x 0.75 mm
Series



产品特点

- 温度稳定性：±0.5 ppm~±2 ppm。
- 工作温度范围：- 30℃ ~85℃。
- 电源电压：1.8 V ~ 3.3 V。
- 电压控制功能。
- 世界上最薄的封装。
- 频率：26MHZ，33.6MHZ，38.4MHZ，40MHZ，52MHZ。
- 符合RoHS和无铅。

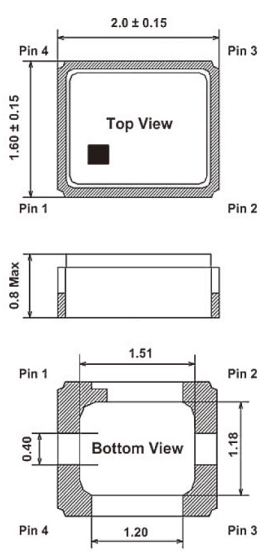
Features

- Temperature Stability: ±0.5 ppm~±2 ppm.
- Operating Temperature Range: - 30℃ ~85℃.
- Supply Voltage: 1.8 V ~ 3.3 V.
- Voltage Control Function Available.
- World's Thinnest Package.
- Frequencies: 26 MHz, 33.6 MHz, 38.4 MHz, 40 MHz, 52 MHz.
- RoHS Compliant / Pb Free.

电气规格 Electrical Specifications

Item/Type		Description
输出类型	Output Type	Clipped Sinewave
输出负载	Output Load	10K // 10 pF
振荡模式	Oscillation Mode	Fundamental
电源电压	Supply Voltage	1.8 ~ 3.3 V
频率范围	Frequency Range	26 ~ 52 MHz
输出电压	Clipped Sinewave Output Voltage	0.8 Vp-p typeical.
漂移斜率	Slope of Frequency Drift	±0.1 ppm / ℃ Typical ; ±0.5 ppm / ℃ Max
储存温度	Storage Temperature Range	- 40~ + 85℃
自动频率	Auto Frequency Control (AFC) Range *	±7 ~ ± 16 ppm (1.4V+/-1V)
线 性 度	Supply Current	2.0 mA Max.
谐 波	Harmonics	- 5 dBc Max.
启动时间	Start-up Time	5mS Max.
相位抖动	Phase Noise at 1 kHz offset	- 130 dBc / Hz

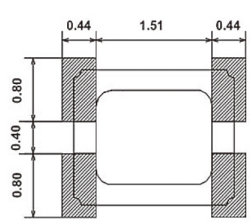
尺寸图 Dimensions



Pin Connection

Name	Connection
Pin 1	AFC or GND
Pin 2	GND
Pin 3	OUTPUT
Pin 4	VCC

Recommended Land Pattern



Units: mm

物料编码 Material code

L 2 1 7 T O □ □ □ □ □ □ □ □ □ □ - □ □ □ □ □ □ □

SMD2.00×1.60

Sense Number
D-Divided M-Multify

Frequencecy(KHz)

Voltage

Frequency Tolerance

CL

ESR