

5.0 x 3.2mm Ceramic SMD

Product Features

- AT Cut 32.768 kHz XO
- CMOS compatible logic levels
- Ultra low active current ($< 10\mu A$)
- Very tight temperature stability
- Designed for standard reflow and washing techniques
- Pb-free and RoHS/Green compliant

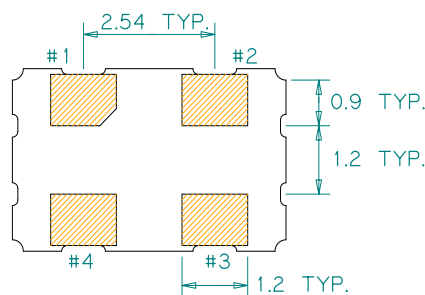
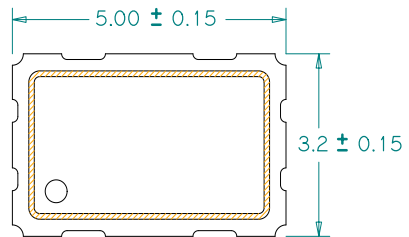
Product Description

The KX501 Series real time clock oscillator achieves superb stability over a broad range of operating conditions. It utilizes Pericom proprietary technology to achieve ultra low current less than $10\mu A$. The output clock signal is compatible with LVCMOS/LVTTL logic levels. The device, available on tape and reel, is contained in a 5.0 x 3.2mm surface-mount ceramic package.

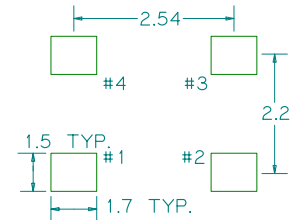
Applications

- Real-Time Clock Oscillator where low current and tight stability are needed

Package: (Scale: none; Dimensions are in mm)



Recommended Land Pattern:



Pin Functions:

Pin	Function
1	OE Function
2	Ground
3	Clock Output
4	V _{DD}

Part Ordering Information:

KX 501 V I S 032.768000

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Voltage:
1 = +3.3V
2 = +2.5V
3 = +1.8V
B = +3.0V

Stability and Temp Range:

Stability	Temp Range
A = +/-20 ppm	-20/+70°C
B = +/-25 ppm	-20/+70°C
C = +/-50 ppm	-20/+70°C
D = +/-25 ppm	-40/+85°C
E = +/-50 ppm	-40/+85°C
F = +/-20 ppm	0/+70°C
G = +/-25 ppm	0/+70°C
H = +/-25 ppm	0/+85°C
I = +/-25 ppm	-20/+85°C
Z = Reference Design	

Internal #:
0 ~ 9

Frequency:
FFFFFFFF
kHz, "3 digits/decimal/6 digits" format

Following the above format, SaRonix-eCera part numbers will be assigned upon confirmation of exact customer requirements.