

2.0 x 1.6mm Ceramic SMD

Product Features

- Support high temperature up to 125°C
- Low phase jitter - < 1ps RMS max.
- Wide frequency range - 1.75 ~ 60MHz
- AEC-Q200 (Grade 1)compliant
- Pb-free & RoHS compliant

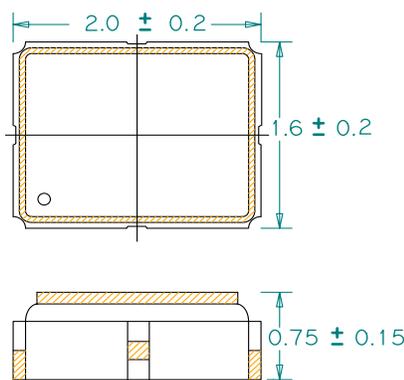
Product Description

The HX201 XO series is a high performance CMOS crystal oscillator family that supports high temperature with very low jitter performance. It supports various options including wider frequency range, 1.8V/2.5V/3.3V voltage, and various stabilities over wide temperature range. It is designed to meet the clock source specifications for communication systems, Industrial applications and other high performance equipment.

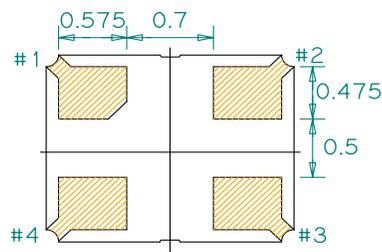
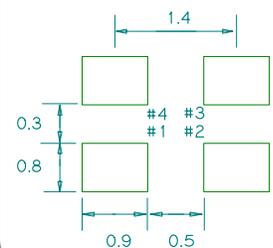
Applications

- Networking and communication systems
- Industrial and outdoor systems
- Storage and server systems
- Automotive devices
- Fanless systems in harsh environment
- Profession video equipments
- Test and measurement equipments

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



Recommended Land Pattern:



Pin Functions:

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

*Extended high frequency power decoupling is recommended (see test circuit for minimum recommendation). To ensure optimal performance, do not route RF traces beneath the package.

Part Ordering Information:

HX 201 **V** **I** **FFFF.FFFFFFFF**

Option	Description
V	Voltage:
1	+3.3V
2	+2.5V
3	+1.8V
I	Stability and Temp Range:
A	+/-25 ppm -40/+90°C
B	+/-30 ppm -40/+100°C
C	+/-30 ppm -40/+105°C
D	+/-50 ppm -40/+90°C
E	+/-50 ppm -40/+100°C
F	+/-50 ppm -40/+105°C
G	+/-70 ppm -40/+125°C
H	+/-100 ppm -40/+125°C
FFFF.FFFFFFFF	Frequency:
FFFF.FFFFFFFF	MHz, "4 digits/decimal/6 digits" format