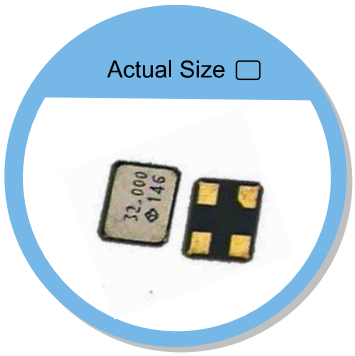
TAITIEN
Our Performance, Your Reputation

X3 Type
1.6 x 1.2 mm SMD Crystal

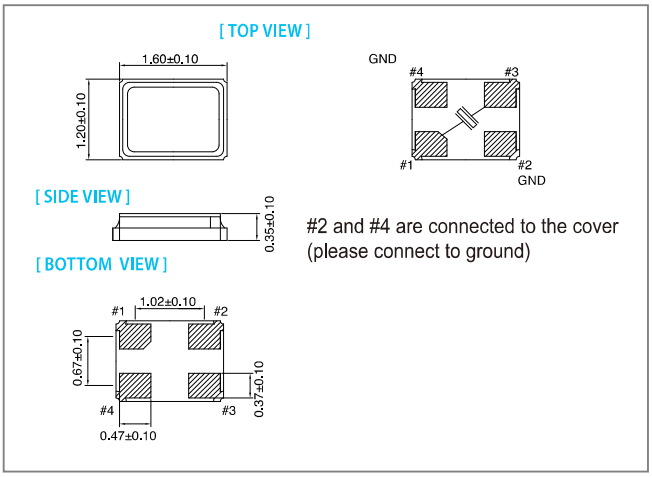


FEATURE
- Typical 1.6 x 1.2 x 0.35 mm ultra thin ceramic package.
- 8 mm width Tape & Reel package for automatic assembly.
- Tight tolerance 10 ppm available.

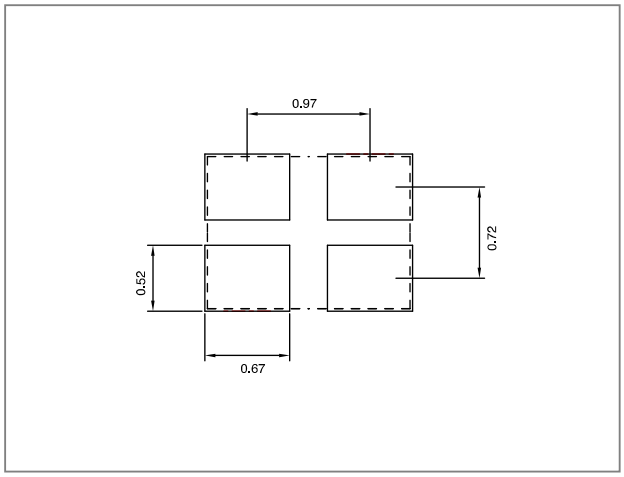
TYPICAL APPLICATION
- Bluetooth, Mobile phone, Wireless LAN.
- Office Automation
- Audio & Video

RoHS Compliant

DIMENSION (mm)



SOLDER PAD LAYOUT (mm)



ELECTRICAL SPECIFICATION

Parameter	Min.	Typical	Max.	Unit
Storage Temp. Range	-40	-	125	°C
Standard Frequency		26,40		MHz
Level of Drive	-	10	200	μ W
Shunt Capacitance (C0)	-	-	3.0	pF
Insulation Resistance	500MΩ @ DC100V	-	-	
Aging		±1.0 to ±3.0		ppm/year

Standard frequencies are frequencies which the crystal has been designed and does not imply a stock position.

EQUIVALENT SERIES RESISTANCE(ESR)

Frequency Range	MODE	E.S.R.
26 MHz ≦ Fo ≦ 40 MHz	A1	<150Ω
40 MHz < Fo ≦ 54 MHz	A1	<100Ω

FREQ. STABILITY vs. TEMP. RANGE

ppm / Temp.(°C)	±5	±10	±15
-10 ~ +60	△	○	○
-20 ~ +70	×	△	○
-40 ~ +85	×	×	△

* O: Available △:Conditional X: Not available

FREQ. STABILITY vs. WIDE TEMP. RANGE

ppm / Temp.(°C)	±15	±20	±30	±50
-40 ~ +105	△	○	○	○
-40 ~ +125	×	×	△	○

* O: Available △:Conditional X: Not available

Note: not all combination of options are available. Other specifications may be available upon request.