

# CRYSTAL UNIT

## SX-1210 New Product

### Applications

- Bluetooth / Wireless LAN

### Features

- Ultra thin / Dimensions (1.2 X 1.0 X 0.3)
- Ceramic Package
- High Reliability and High Stability

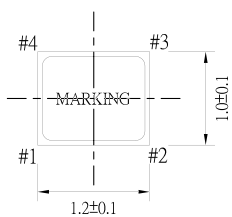
### Specifications



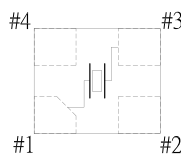
Model	SX-1210	
Nominal frequency range	24.000~54.000 MHz	
Crystal cut	Fundamental [AT-cut]	
Storage temperature range	-40°C~+90°C	
Operating temperature range	-20°C~+70°C	-30°C~+85°C
Frequency temperature characteristics (Ref. to +25°C)	±15 X 10 <sup>-6</sup>	±25 X 10 <sup>-6</sup>
Frequency tolerance (at +25°C)	±15 X 10 <sup>-6</sup>	
Equivalent series resistance	150Ω : 24.000~31.999 MHz 100Ω : 32.000~54.000 MHz	
Load capacitance	8 pF	
Shunt capacitance	2 pF max.	
Level of drive	10 μW (50 μW max.)	

Package quantity: 3000pcs max./Reel.

### Outline and Dimensions[unit:mm]

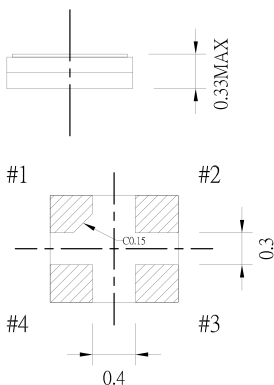
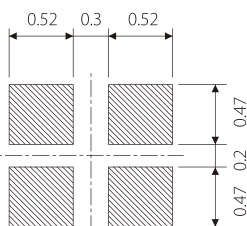


TOP VIEW



- #1,#3 : Crystal terminal
- #2 : NC ( Please connect it with GND )
- #4 : GND ( Connected to cover )

Example of a Terminal Land Pattern



Maximum marking length		Marking
line1	line2	
4	4	Laser
ex.)		<div style="border: 1px solid black; padding: 5px; display: inline-block;">                     40 . 0 S G A                 </div>