

# Crystal Units

## NX3225HA

For OA / AV

### ■ Features

A small surface-mount type crystal unit.

- Compact and thin. (3.2 × 2.5 × 0.80 mm)
- Ideal for Tablet, TV, GAME, and etc.
- Meets the requirements for re-flow profiling using lead-free solder.



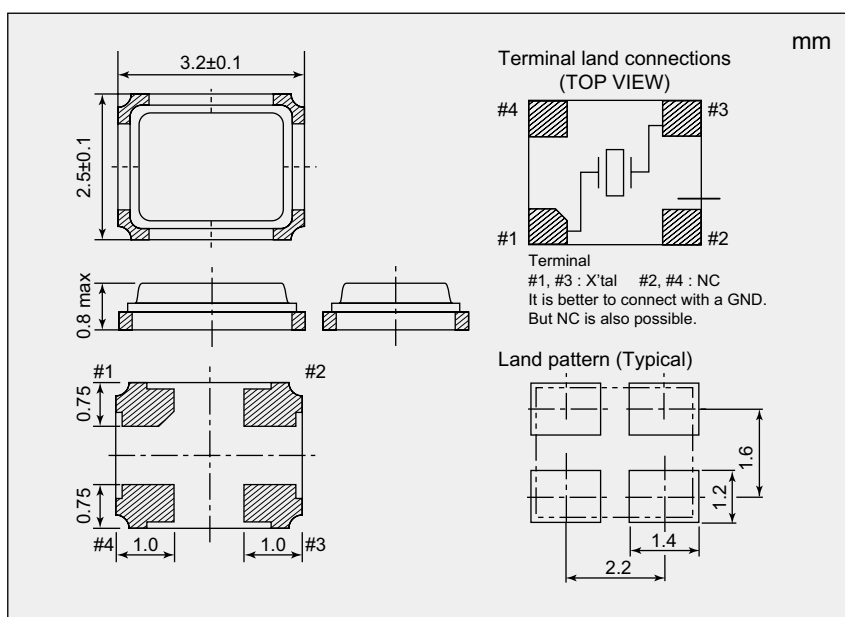
Pb Free

RoHS Compliant  
Directive 2011/65/EU

### ■ Specifications

Item	Model	NX3225HA
Nominal Frequency		12 to 50 MHz
Overtone Order		Fundamental
Frequency Tolerance (25 ±3 °C)		±20 × 10 <sup>-6</sup>
Frequency versus Temperature Characteristics (with reference to +25 °C)		±30 × 10 <sup>-6</sup>
Operating Temperature Range		-20 to +70 °C
Storage Temperature Range		-40 to +85 °C
Equivalent Series Resistance		Refer to *1
Level of Drive		10 μW (Max. 200 μW)
Load Capacitance		8 pF
Specifications Number		STD-CRT-1

### ■ Dimensions



\*1 Equivalent Series Resistance

Nominal Frequency (MHz)	Equivalent Series Resistance max. [Ω]
12 to 13	120
13 to 20	80
20 to 50	50

Please specify the model name, frequency, and specification number when you order products.  
For further questions regarding specifications, please feel free to contact us.