

# Crystal Units

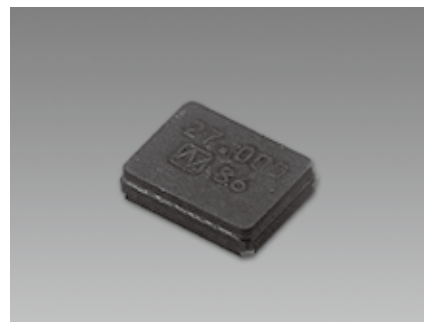
## NX3225GA

For OA / AV

### ■ Features

A small surface-mount type crystal unit, especially suited for small-sizing requirements.

- Compact and thin. (3.2 x 2.5 x 0.75 mm typ.)
- Excellent environmental characteristics, including heat and shock resistance.
- Excellent electrical performance for OA (office automation) and AV (audiovisual) applications.
- Meets the requirements for re-flow profiling using lead-free solder.

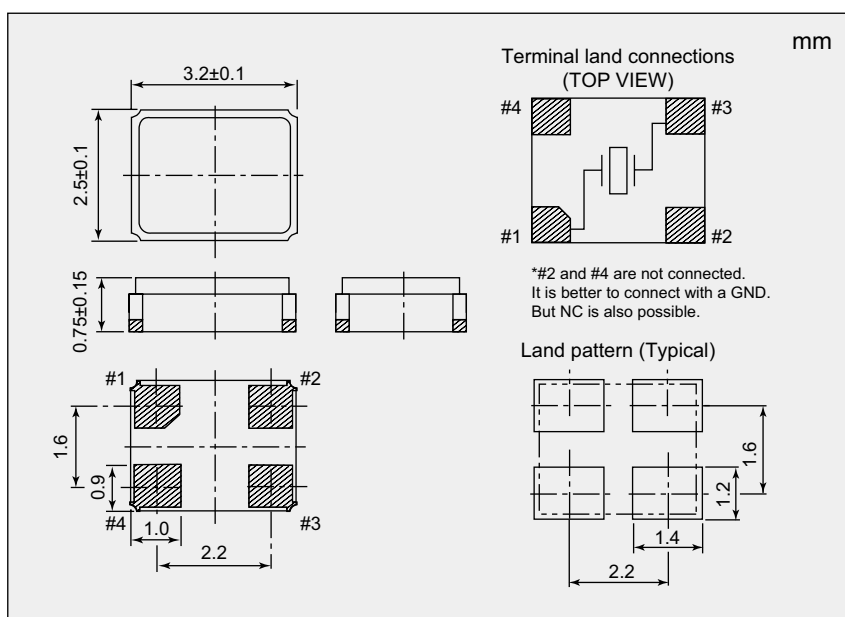


**RoHS Compliant**  
Directive 2011/65/EU

### ■ Specifications

Item	Model	NX3225GA
Nominal Frequency		9.840 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		-40 to +85 °C
Storage Temperature Range		-40 to +85 °C
Equivalent Series Resistance		Refer to *1
Level of Drive		10 μW (Max. 200 μW)
Load Capacitance		8pF
Specifications Number		STD-CRG-2

### ■ Dimensions



#### \*1 Equivalent Series Resistance

Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
9.840 to 12	200
12 to 13	100
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.