Crystal Units

NX3225GA

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 ⁻⁶
Frequency versus Temperature Characteristics (with reference to +25 °C)	±30 × 10 ⁻⁶
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

The above specifications are standard for this NDK product.

How to Specify an Order

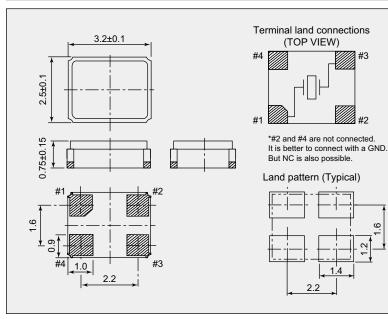
When ordering our products, specify them with an "Ordering Code" that consists of the following :

Model name - Frequency (Max : 9 digits) M - Number for specifying an order

Example NX3225GA-27.000M-STD-CRG-2 If you have any queries concerning our standard frequencies and numbers for specifying orders, please contact our sales representatives or visit our homepage (http://www.ndk.com/).

mm

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



For OA / AV