

NX5032GA

For OA / AV

■ Features

A de facto standard small surface-mount type crystal unit, ideal for OA (office automation), AV (audiovisual) and Accessories for a car, which need performance for wide temperature range. (5.0 × 3.2 × 1.3 mm typ.)

- Excellent electrical performance, ideal for OA and AV applications.
- Meets the requirements for re-flow profiling using lead-free solder.
- Supports low frequencies starting from 8 MHz.



RoHS Compliant
Directive 2011/65/EU

■ Specifications

Item	Model	NX5032GA
Nominal frequency		8 to 49.99 MHz
Overtone order		Fundamental
Frequency tolerance (25 ±3 °C)		±30 × 10 ⁻⁶
Frequency versus temperature characteristics (with reference to +25 °C)		±50 × 10 ⁻⁶
Operating temperature range		-40 to +85 °C
Storage temperature range		-40 to +125 °C
Equivalent series resistance		Refer to *1
Level of drive		50 μW (Max. 500 μW)
Load capacitance		8 pF

The above specifications are standard for this NDK product.

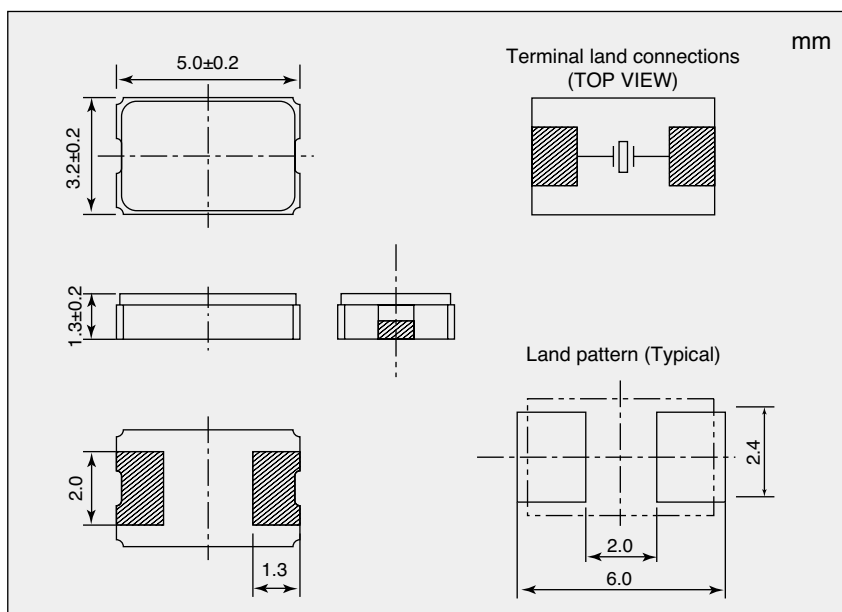
■ How to Specify an Order

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 NX5032GA-27.000M-STD-CSK-8

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/>).

■ Dimensions



*1 Equivalent Series Resistance

Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
8 to 9.5	300
9.5 to 10	150
10 to 20	120
20 to 30	70
30 to 49.99	50