

NX5032GC

For OA / AV

■ Features

A low-height surface-mount type crystal unit, suitable for OA (office automation) and AV (audiovisual) applications.

- Compact and thin. (5.0 × 3.2 × 1.0 mm typ.)
- Excellent electrical performance ideal for OA and AV applications.
- Meets the requirements for re-flow profiling using lead-free solder.
- Supports low height mounting and ideal for notebook computers.
- Glass-sealed product with the same terminal shape (4 terminals) as NX5032SA.



RoHS Compliant
Directive 2011/65/EU

■ Specifications

Item	Model	NX5032GC
Nominal frequency		12 to 50 MHz
Overtone order		Fundamental
Frequency tolerance (25 ±3 °C)		±15 × 10 ⁻⁶
Frequency versus temperature characteristics (with reference to +25 °C)		±15 × 10 ⁻⁶
Operating temperature range		-10 to +75 °C
Storage temperature range		-40 to +85 °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.

Custom-made specifications such as load capacitance and temperature characteristics are also available.

Please contact NDK sales with your enquiries.

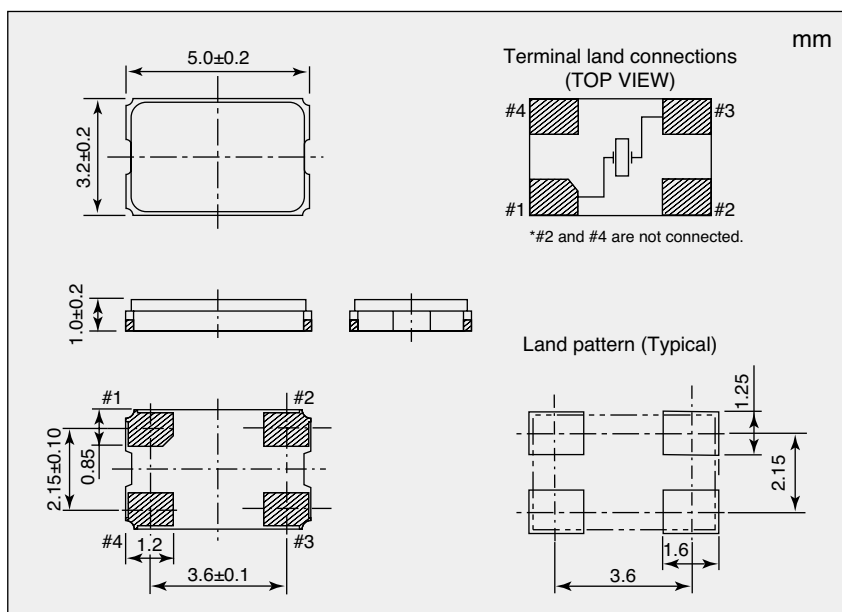
■ How to Specify an Order

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 NX5032GC-20.000M-STD-CSK-6

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]
12 to 15	100
15 to 50	50