

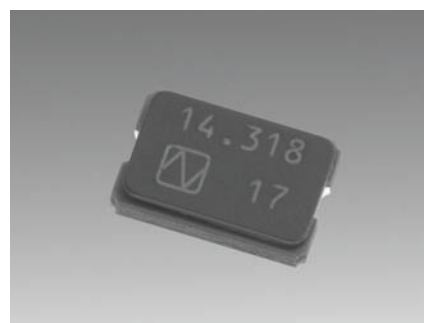
■ Features

A de facto standard small surface-mount type crystal unit, ideal for OA (office automation) and AV (audiovisual) applications.

Compatible with low frequencies starting from 8 MHz.

(NX5032GA : 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.
- NX5032GA supports low frequencies starting from 8 MHz.
- NX5032GB supports low height mounting (product height: 1.0 mm typ.).



RoHS Compliant
Directive 2002/95/EC

■ Specifications

Item	Model	NX5032GA	NX5032GB
Nominal frequency		8 to 55 MHz	12 to 55 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		-10 to +70 °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.

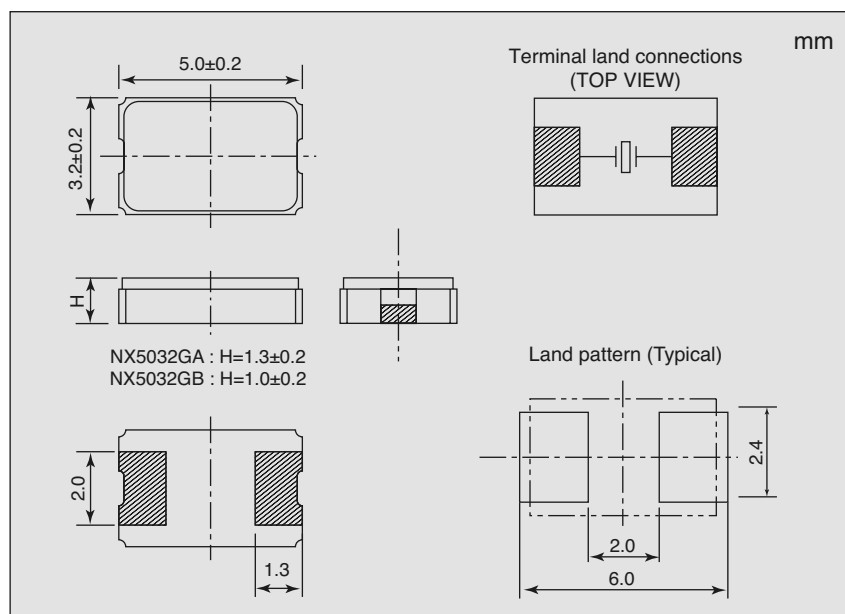
■ How to Specify an Order

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 NX5032GA-27.000M-STD-CSK-4

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 15	100
15 to 55	50