

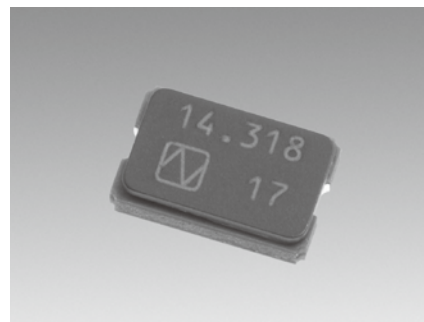
## NX5032GA

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 <sup>-6</sup> |
| Frequency versus temperature characteristics (with reference to +25 °C) |       | ±50 × 10 <sup>-6</sup> |
| 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.

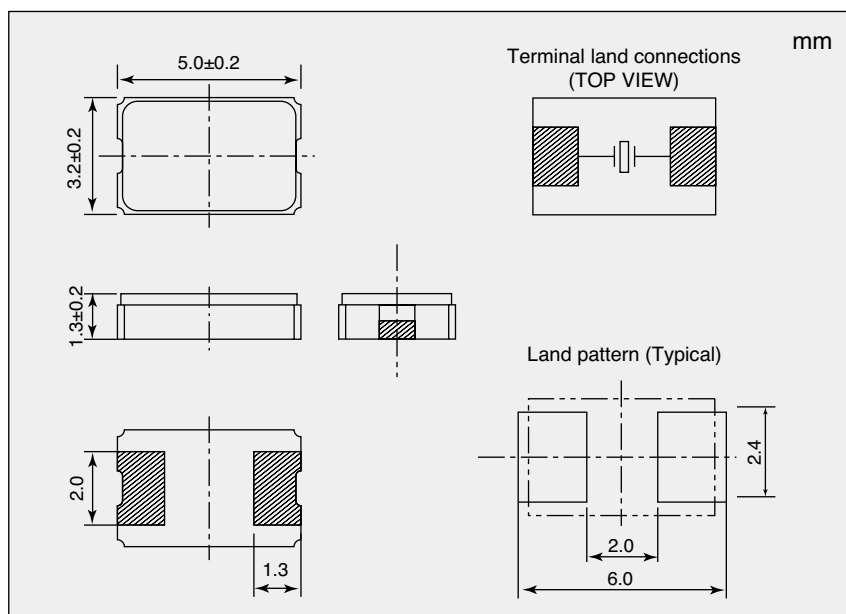
### ■ How to Specify an Order

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                                    |

<http://www.kangbidz.com>