

NX5032GA / NX5032GB

For OA / AV

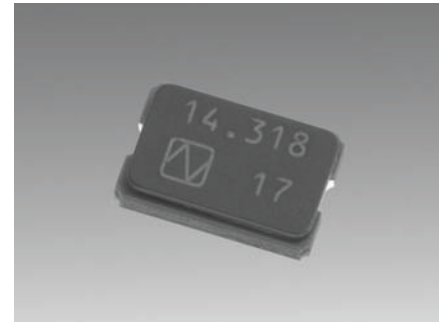
■ Features

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

Compatible with low frequencies starting from 8MHz.

(NX5032GA : 5.0 × 3.2 × 1.3mm typ.)

- Excellent electrical performance, ideal for OA and AV applications.
- Lead-free. Meets the requirements for re-flow profiling using lead-free solder.
- NX5032GA supports low frequencies starting from 8MHz.
- NX5032GB supports low height mounting (product height: 1.0mm typ.).



RoHS Compliant
Directive 2002/95/EC

■ Specifications

| Item | Model | NX5032GA | NX5032GB |
|---|-------|------------------------|------------------------|
| Frequency Range | | 8 to 55MHz | 12 to 55MHz |
| Overtone Order | | Fundamental | Fundamental |
| Frequency Tolerance (25 ±3°C) | | ±20 × 10 ⁻⁶ | ±20 × 10 ⁻⁶ |
| Temperature Characteristics (with reference to +25°C) | | ±30 × 10 ⁻⁶ | ±30 × 10 ⁻⁶ |
| Operating Temperature Range | | -10 to +70°C | -10 to +70°C |
| Equivalent Series Resistance | | Refer to *1 | Refer to *1 |
| Drive Level | | 50μW(Max:500μW) | 50μW(Max:500μW) |
| Load Capacitance | | 8pF | 8pF |

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.

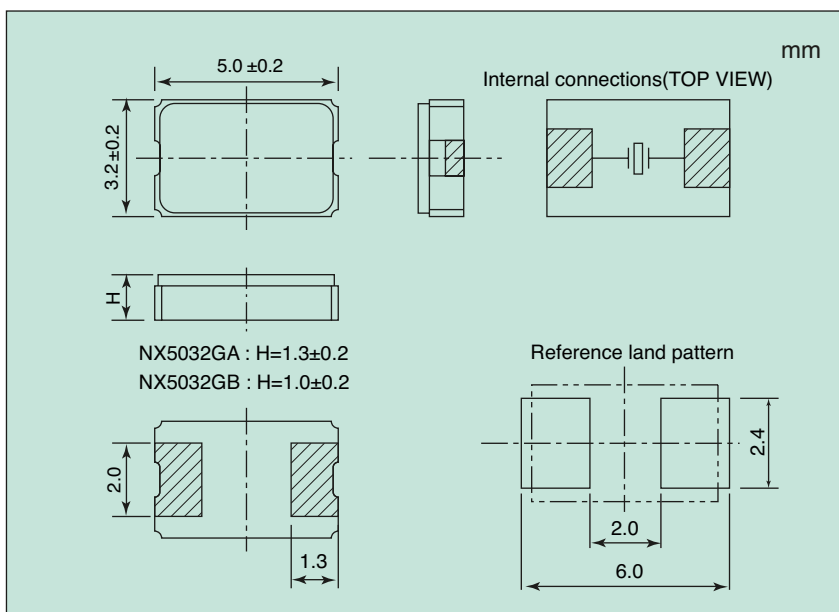
■ How to Specify an Order

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-12.000M-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

| Frequency (MHz) (Range) | 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 55 | 50 |