

NX3225GA

For OA / AV

■ Features

A small surface-mount type crystal unit, especially suited for small-sizing requirements.

- Ultra compact and thin. (3.2 x 2.5 x 0.75 mm typ.)
- Excellent environmental characteristics, including heat and shock resistance.
- Excellent electrical performance for OA (office automation) and AV (audiovisual) applications.
- Meets the requirements for re-flow profiling using lead-free solder.
- Outstanding cost performance.



RoHS Compliant
Directive 2002/95/EC

■ Specifications

| Item | Model | NX3225GA |
|---|-------|------------------------|
| Nominal frequency | | 8 to 50 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 | | 10 μW (Max. 200 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.

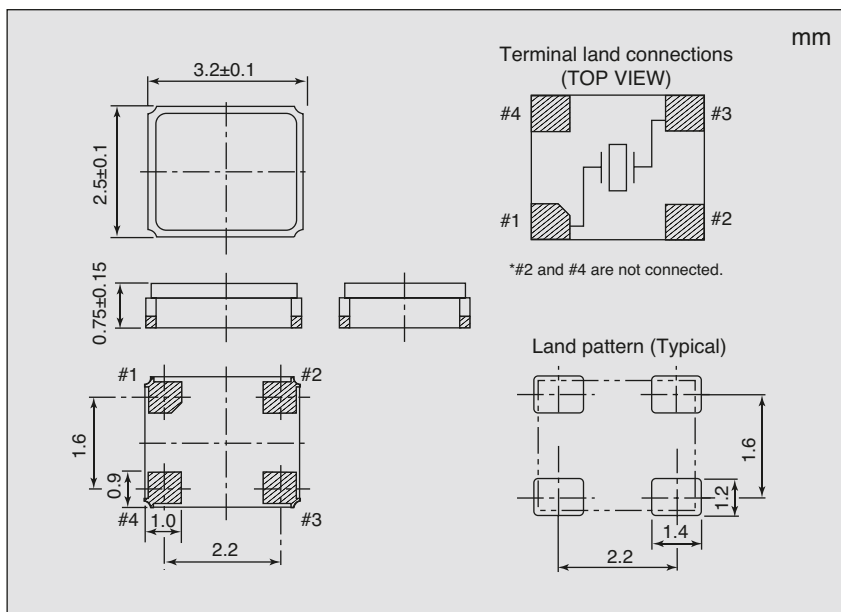
■ How to Specify an Order

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 NX3225GA-27.000M-STD-CRG-1

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 9.8 | 500 |
| 9.8 to 12 | 200 |
| 12 to 13 | 100 |
| 13 to 20 | 80 |
| 20 to 50 | 50 |