

## NX1255GB / NX1255GC

For OA / AV

### ■ Features

A surface-mount type crystal unit, ideal for OA (office automation) and AV (audiovisual) applications; compatible with low frequencies.  
(NX1255GB : 12.0 × 5.5 × 2.5mm typ.)

- Excellent electrical performance, ideal for OA and AV applications.
- Excellent environmental characteristics, including heat and shock resistance.
- An enriched assortment of frequencies from a low frequency of 3.5MHz.
- Lead-free. Meets the requirements for re-flow profiling using lead-free solder.
- NX1255GC is a low-height type (1.8mm high), and ideal for PDA applications.



RoHS Compliant  
Directive 2002/95/EC

### ■ Specifications

| Item  | Model | NX1255GB/NX1255GC      |
|---|-------|------------------------|
| Frequency Range                                       |       | 3.5 to 26.5MHz         |
| Overtone Order  |       | Fundamental            |
| Frequency Tolerance (25 ±3°C)                         |       | ±50 × 10 <sup>-6</sup> |
| Temperature Characteristics (with reference to +25°C) |       | ±50 × 10 <sup>-6</sup> |
| Operating Temperature Range                           |       | -10 to +70°C           |
| Equivalent Series Resistance                          |       | Refer to *1            |
| Drive Level   |       | 50μW(Max:500μW)        |
| Load Capacitance                                      |       | 12pF                   |

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.

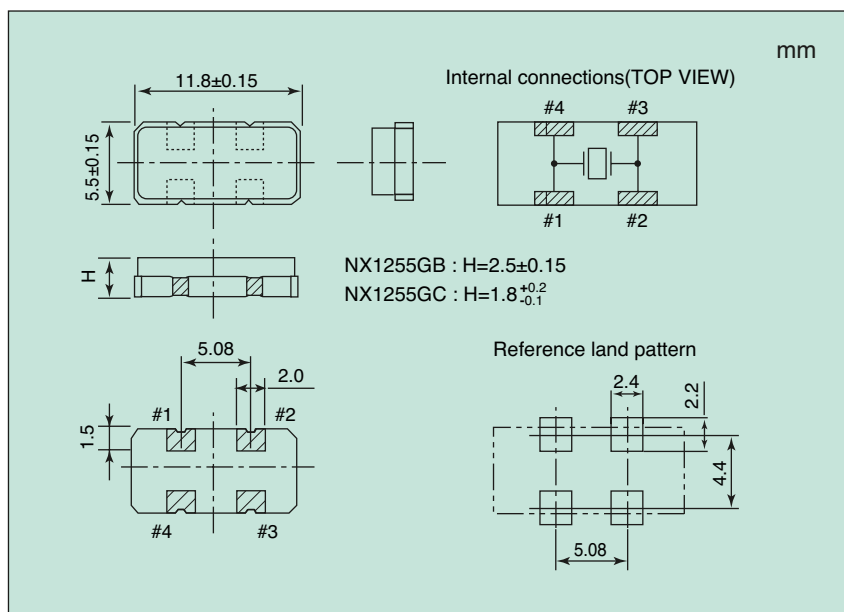
### ■ How to Specify an Order

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 NX1255GB-3.579545M-STD-CSA-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

| Frequency (MHz) (Range) | Equivalent Series Resistance max.[Ω] |
|-------------------------|--------------------------------------|
| 3.5 to 4                | 150                                  |
| 4 to 8                  | 120                                  |
| 8 to 12                 | 80                                   |
| 12 to 26.5              | 50                                   |