

### ■ Features

A surface-mount type crystal unit, ideal for OA (office automation) and AV (audiovisual) applications; compatible with low frequencies.

(NX1255GB : 11.8 × 5.5 × 2.5 mm 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 3.5 MHz.
- Meets the requirements for re-flow profiling using lead-free solder.
- NX1255GC is a low-height type (1.8 mm height), and ideal for PDA applications.



**RoHS Compliant**  
Directive 2002/95/EC

### ■ Specifications

Item	Model	NX1255GB / NX1255GC
Nominal frequency		3.5 to 26 MHz
Overtone order		Fundamental
Frequency tolerance (25 ±3 °C)		±50 × 10 <sup>-6</sup>
Frequency versus temperature characteristics (with reference to +25 °C)		±50 × 10 <sup>-6</sup>
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		12 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.

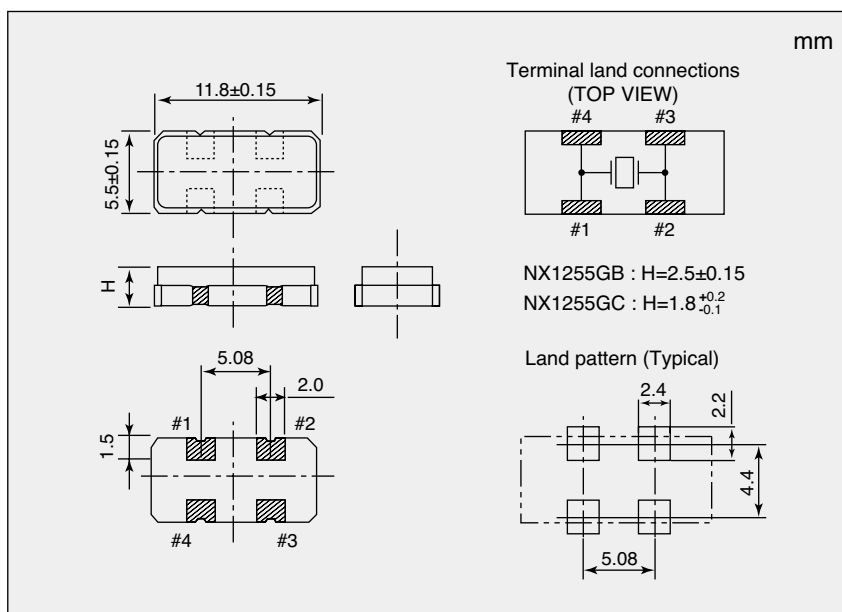
### ■ How to Specify an Order

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 NX1255GB-8.000M-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

Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
3.5 to 4	150
4 to 8	120
8 to 12	80
12 to 26	50