

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: 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.





■ Specifications

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

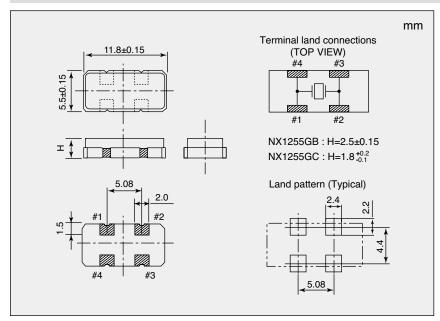
When ordering our products, specify them with an "Ordering Code" that consists of the following:

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