

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 ⁻⁶
Temperature Characteristics (with reference to +25°C)		±50 × 10 ⁻⁶
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.

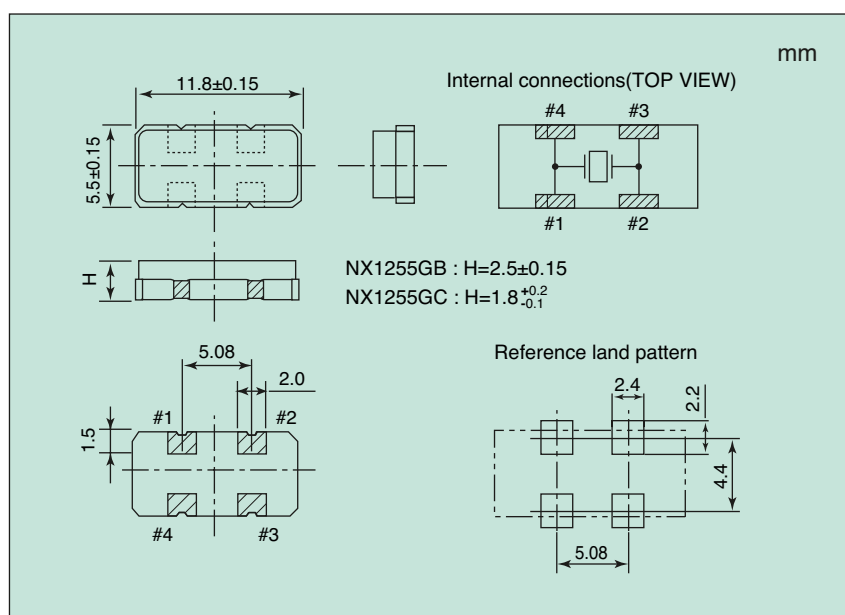
■ How to Specify an Order

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