

NX1255GB

For Automotive

■ Features

A small surface-mount type crystal unit, ideal for Automotive.
Compatible with an engine control CPU clock delivering the high reliability that is particularly demanded.

- Stable start-up characteristic even under extremely severe environmental conditions.
- Excellent environmental characteristics, including heat, vibration and shock resistance.
- Compatible with low frequencies starting from 3.5 MHz.
- Meets the requirements for re-flow profiling using lead-free solder.
- Conforms to AEC-Q200.



RoHS Compliant
Directive 2002/95/EC

■ Specifications

Item	Model	NX1255GB
Nominal frequency		3.5 to 25 MHz
Overtone order		Fundamental
Frequency tolerance (25 ±3 °C)		±50 × 10 ⁻⁶
Frequency versus temperature characteristics (with reference to +25 °C)		±150 × 10 ⁻⁶
Operating temperature range		-40 to +125 °C
Storage temperature range		-40 to +125 °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.

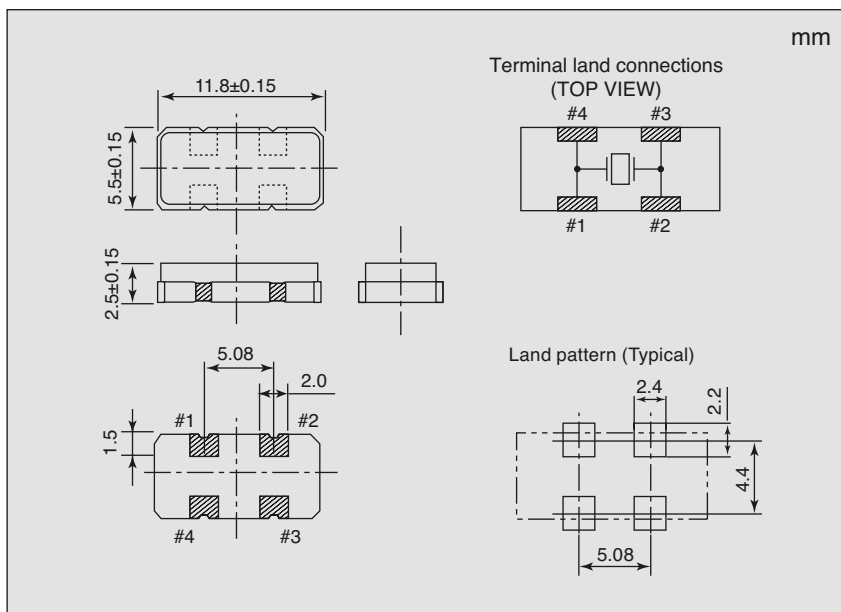
■ How to Specify an Order

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-4.000M-STD-CSS-3

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	200
4 to 8	180
8 to 12	120
12 to 25	80