



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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## 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.

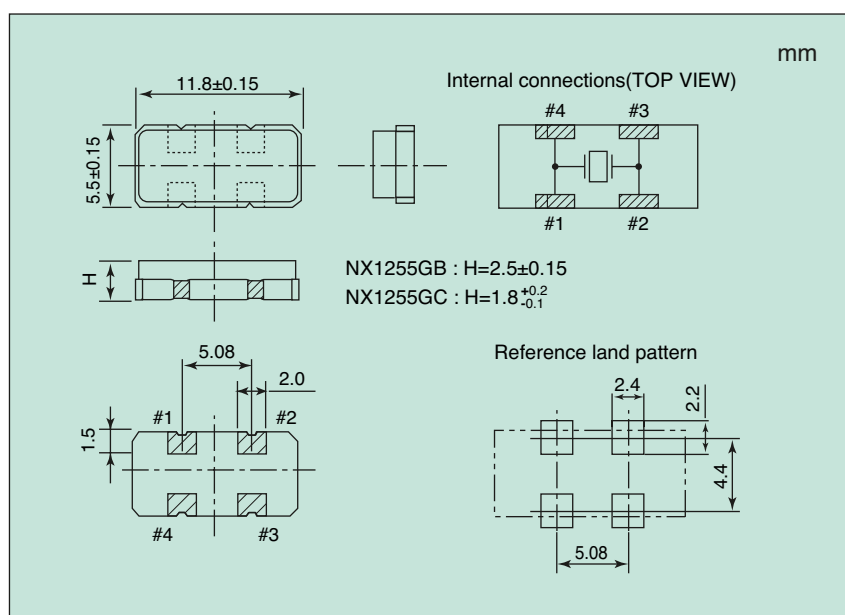
### ■ How to Specify an Order

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