Crystal Units



For OA / AV

Features

A surface-mount type crystal unit, ideal for OA (office automation) and AV (audiovisual) applications; compatible with low frequencies. (NX1255GB : $12.0 \times 5.5 \times 2.5$ 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 3.5MHz.
- •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	NX1255GB/NX1255GC
Frequency Range	3.5 to 26.5MHz
Overtone Order	Fundamental
Frequency Tolerance (25 ±3°C)	$\pm 50 \times 10^{-6}$
Temperature Characteristics (with reference to +25°C)	$\pm 50 \times 10^{-6}$
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

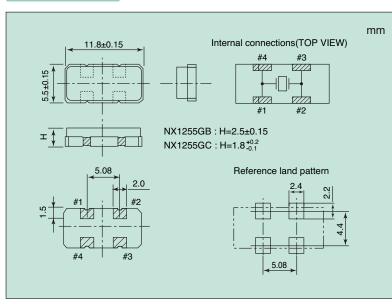
When ordering our products, specify them with an "Ordering Code" that consists of the following :

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

NIHON DEMPA KOGYO CO., LTD.