Crystal Units



Features

A small surface-mount type crystal unit, suitable for OA (office automation) and AV (audiovisual) applications.

Compatible with low frequencies starting from 8MHz.

(NX5032GA : 5.0 × 3.2 × 1.3mm typ.)

•Excellent electrical performance, ideal for OA and AV applications.

•Lead-free. Meets the requirements for re-flow profiling using lead-free solder.

- •NX5032GA supports low frequencies starting from 8MHz.
- •NX5032GB supports low height mounting (product height: 1.0mm typ.).



RoHS Compliant Directive 2002/95/EC

Specifications

Item	NX5032GA	NX5032GB
Frequency Range	8 to 55MHz	12 to 55MHz
Overtone Order	Fundamental	Fundamental
Frequency Tolerance (25 ±3°C)	$\pm 20 \times 10^{-6}$	±20 × 10 ⁻⁶
Temperature Characteristics (with reference to +25°C)	±30 × 10 ⁻⁶	$\pm 30 \times 10^{-6}$
Operating Temperature Range	-10 to +70°C	-10 to +70°C
Equivalent Series Resistance	Refer to *1	Refer to *1
Drive Level	50µW(Max:500µW)	50μW(Max:500μW)
Load Capacitance	8pF	8pF

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

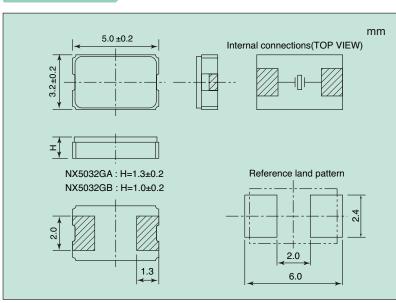
When ordering our products, specify them with an "Ordering Code" that consists of the following :

Model name - Frequency (Max : 9 digits) M - Number for specifying an order

Example NX5032GA-12.000M-STD-CSK-4

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]
8 to 9.5	300
9.5 to 10	150
10 to 20	120
20 to 30	70
30 to 55	50



For OA / AV