# **Crystal Units**



## NX5032SA

### **For Mobile Communications**

#### Features

A high precision small surface-mount type crystal unit, suitable for mobile communications such as the base clock of mobile phone handsets.

- •Compact and thin. (4.9 × 3.1 × 0.75 mm typ.)
- •Frequencies for the base clock source of a variety of mobile phones are available.
- •Excellent electrical characteristics and environmental performance, ideal for mobile communication applications.
- •Lead-free. Meets the requirements for re-flow profiling using lead-free solder.



#### Specifications

Item Model	NX5032SA
Nominal Frequency	11.0592 to 40 MHz
Overtone Order	Fundamental
Frequency Tolerance (25 ±3 °C)	±10 × 10 <sup>-6</sup>
Frequency versus Temperature Characteristics (with reference to +25 °C)	±10 × 10 <sup>-6</sup>
Operating Temperature Range	-20 to +75 °C
Storage Temperature Range	−40 to +85 °C
Equivalent series Resistance	Max. 40 Ω
Level of Drive	10 μW (Max. 100 μW)
Load Capacitance	10 pF

The above specifications are standard for this NDK product.

#### 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 NX5032SA-12.000M-STD-CSG-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

