

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.



Pb Free

RoHS Compliant
Directive 2011/65/EU

■ Specifications

| Item | Model | NX5032SA |
|---|-------|------------------------|
| Nominal Frequency | | 11.0592 to 40 MHz |
| Overtone Order | | Fundamental |
| Frequency Tolerance (25 ±3 °C) | | ±10 × 10 ⁻⁶ |
| Frequency versus Temperature Characteristics (with reference to +25 °C) | | ±10 × 10 ⁻⁶ |
| 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

