

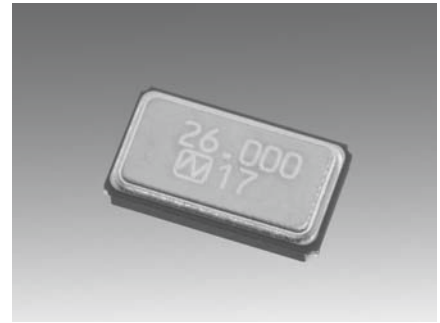
## NX6035SA

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. (6.0 × 3.5 × 1.0mm 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 2002/95/EC

### ■ Specifications

Item	Model	NX6035SA
Frequency Range		9.8 to 40MHz
Overtone Order		Fundamental
Frequency Tolerance (25 ±3°C)		±10 × 10 <sup>-6</sup>
Temperature Characteristics (with reference to +25°C)		±10 × 10 <sup>-6</sup>
Operating Temperature Range		-20 to +75°C
Equivalent Series Resistance		Refer to *1
Drive Level		10μW(Max:100μW)
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.

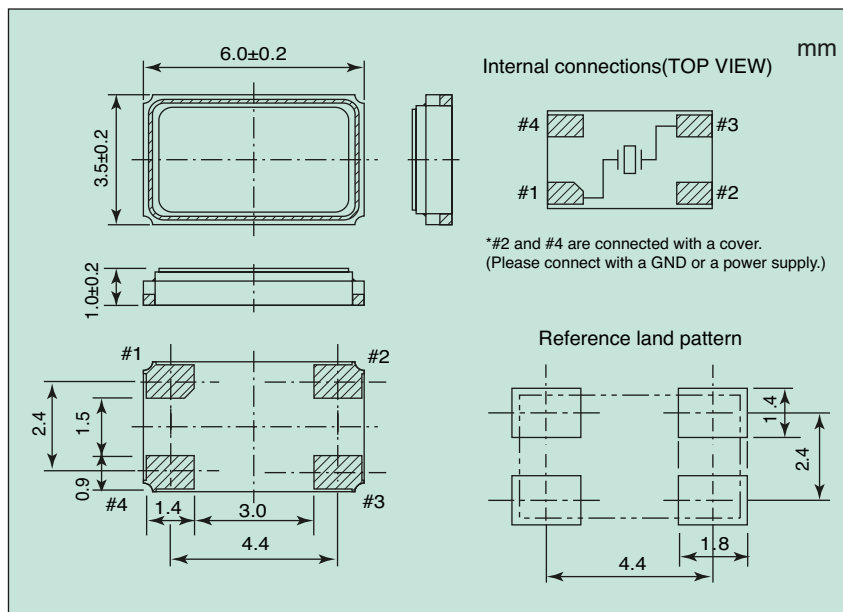
### ■ How to Specify an Order

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 NX6035SA-9.84375M-STD-CSE-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]
9.8 to 11	60
11 to 12	50
12 to 40	40