

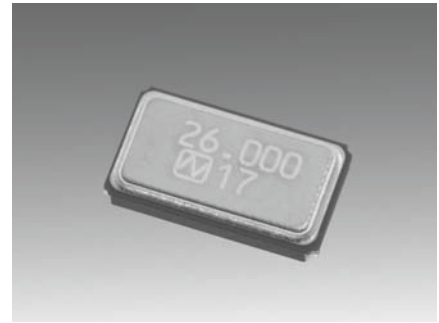
NX6035SA

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 × 1.0 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 2002/95/EC

■ Specifications

Item	Model	NX6035SA
Nominal frequency		9.8 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		Refer to *1
Level of drive		10 μW (Max. 100 μW)
Load capacitance		12 pF

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.

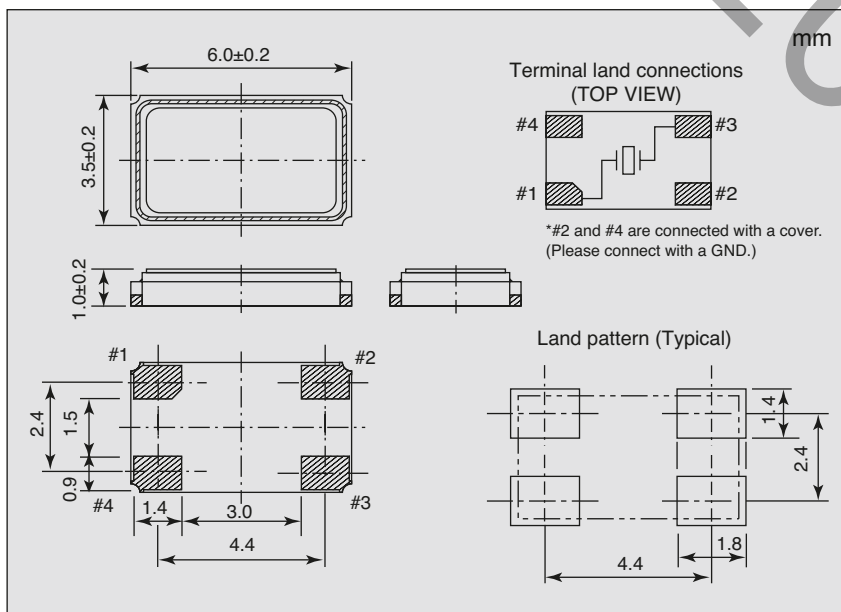
■ How to Specify an Order

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

Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
9.8 to 11	60
11 to 12	50
12 to 40	40