

NX6035SA

For High Precision Industry

■ Features

A small surface-mount type crystal unit that supports high frequencies; ideal for those industries where high frequency accuracy is essential.

- Compact and thin. (6.0 × 3.5 × 1.0 mm typ.)
- The electrical characteristics and environmental performance make it ideal for any application requiring high precision.
- Applicable to high frequency. (Fundamental: 10 to 60 MHz, 3rd overtone 40 to 150 MHz.)
- 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		10 to 60 MHz	40 to 150 MHz
Overtone order		Fundamental	3rd overtone
Frequency tolerance (25 ±3 °C)		±10 × 10 ⁻⁶	
Frequency versus temperature characteristics (with reference to +25 °C)		±5 × 10 ⁻⁶	
Operating temperature range		-10 to +60 °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	Series resonance

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.

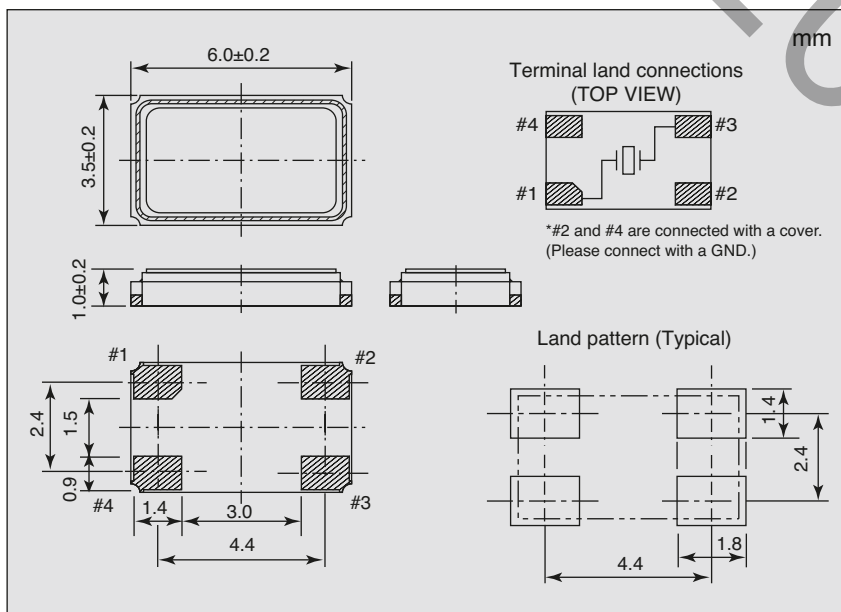
■ How to Specify an Order

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-13.560M-STD-CSE-2

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

Overtone Order	Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
Fundamental	10 to 60	60
3rd overtone	40 to 150	100