

## NX2520SA

For Mobile Communications

### ■ Features

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

- Ultra compact and thin. (2.5 × 2.0 × 0.5mm typ.)
- Excellent environmental performance and heat resistance.
- Lead-free. Meets the requirements for re-flow profiling using lead-free solder.



Pb Free

RoHS Compliant  
Directive 2002/95/EC

### ■ Specifications

Item	Model	NX2520SA
Frequency Range		19.2 to 54MHz
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		8pF

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.

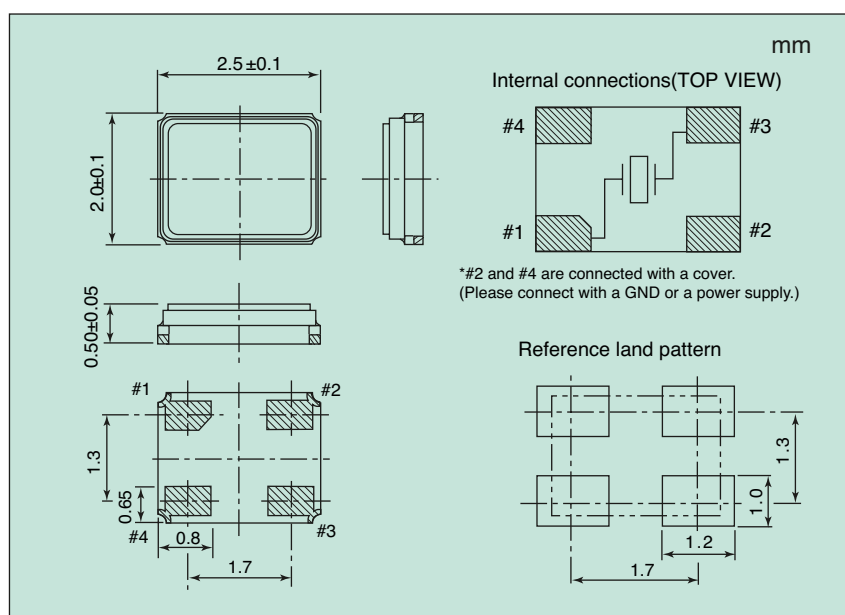
### ■ How to Specify an Order

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 NX2520SA-26.000M-STD-CSX-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]
19.2 to 26	80
26 to 38.4	60
38.4 to 54	50