

## NX1612AA

For Short-range Wireless

### ■ Features

A small surface-mount type crystal unit, especially suited for small-sizing requirements.

- Ultra compact and thin. (1.6 × 1.2 × 0.3 mm typ., Max. H:0.35 mm)
- Highly reliable.
- Ideal for ultra compact Wireless LAN and Bluetooth.
- Lead-free. Meets the requirements for re-flow profiling using lead-free solder



Pb Free

RoHS Compliant  
Directive 2002/95/EC

### ■ Specifications

Item	Model	NX1612AA
Frequency Range		26 to 54 MHz
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 +70 °C
Storage Temperature Range		-40 to +85 °C
Equivalent Series Resistance		Refer to *1
Drive Level		10 μW (Max. 200 μW)
Load Capacitance		7 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.

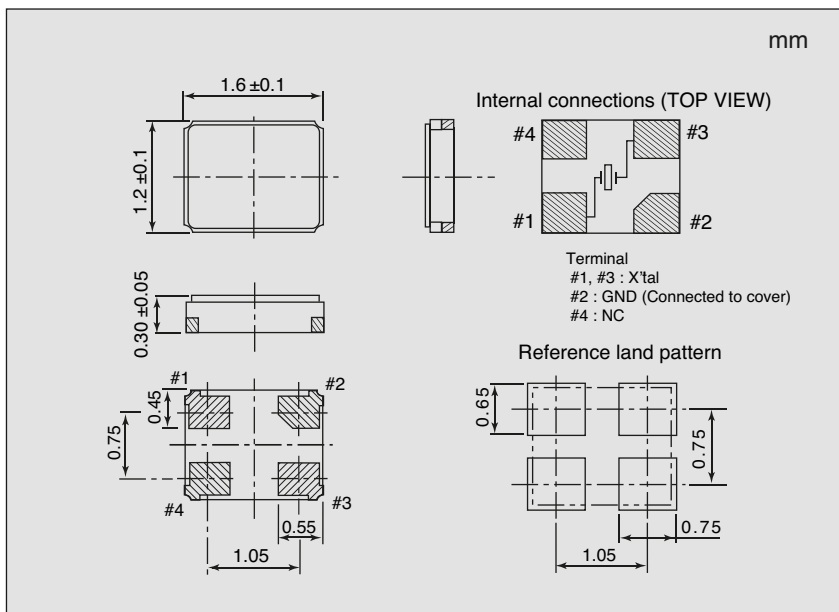
### ■ How to Specify an Order

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 NX1612AA-26.000M-STD-CSI-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

Frequency Range (MHz)	Equivalent Series Resistance max. [Ω]
26 to 32	150
32 to 38	100
38 to 54	80