

## 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 2011/65/EU

### ■ Specifications

Item	Model	NX1612AA
Nominal frequency		24 to 80 MHz
Overtone order		Fundamental
Frequency tolerance (25 ±3 °C)		±10 × 10 <sup>-6</sup>
Frequency versus 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
Level of drive		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.

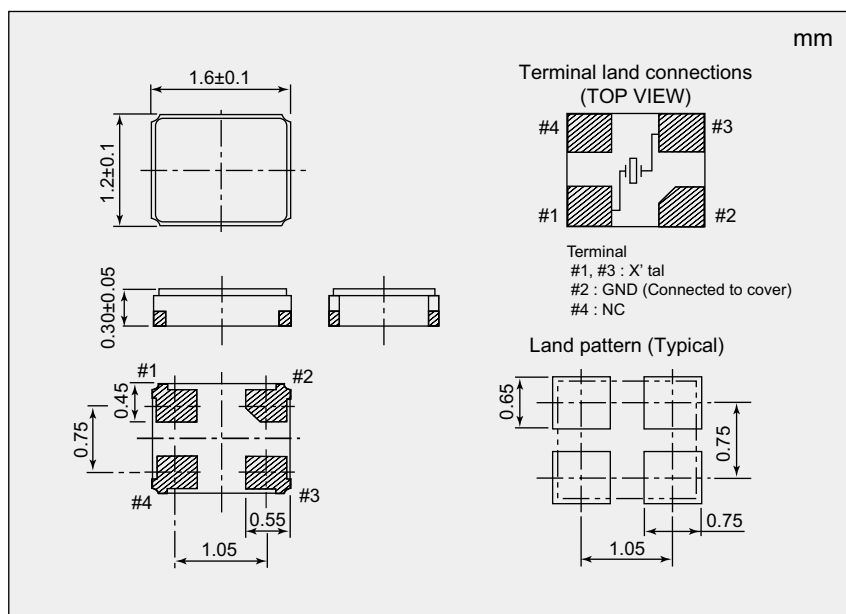
### ■ How to Specify an Order

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

Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
24 to 32	150
32 to 38	100
38 to 80	80