Crystal Units

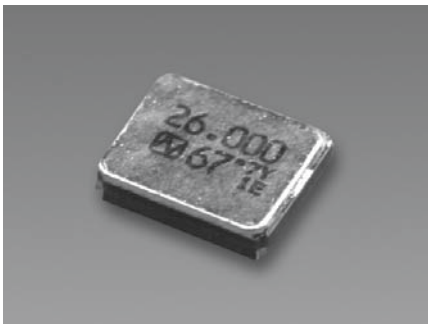
Crystal Bridge to the Future

NX2016AA For OA / AV/ Short-range Wireless

■ Features

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

- ●Ultra compact and thin. (2.0 × 1.6 × 0.45mm typ.)
- ●Excellent environmental characteristics, including heat and shock resistance.
- ●Excellent electrical performance, ideal for OA (office automation), AV (audiovisual), Bluetooth and Wireless LAN 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	NX2016AA
Frequency Range	24 to 80MHz
Overtone Order	Fundamental
Frequency Tolerance (25 ±3°C)	±15 × 10^{-6}
Temperature Characteristics (with reference to +25°C)	±15 × 10^{-6}
Operating Temperature Range	−10 to +75°C
Equivalent Series Resistance	Refer to *1
Drive Level	10μW (Max : 200μW)
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.

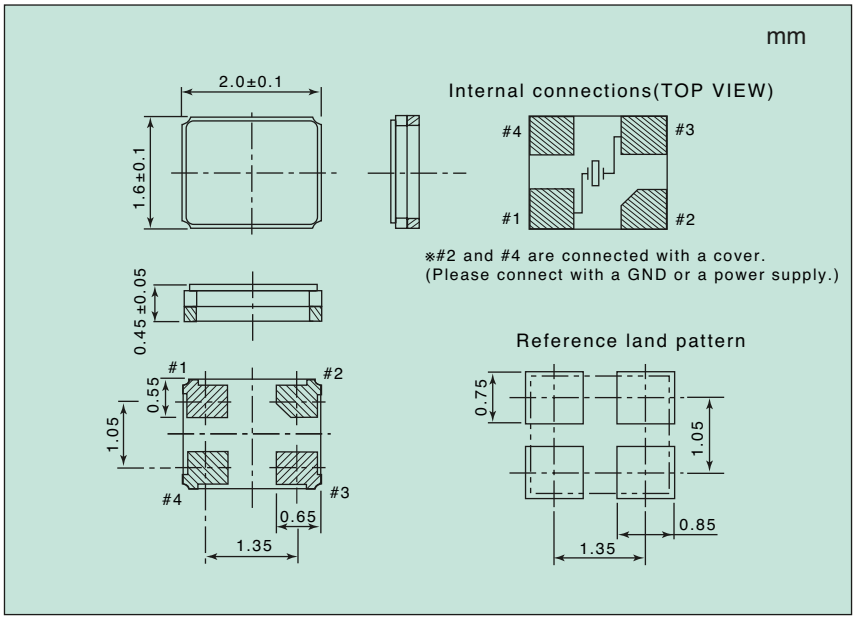
■ How to Specify an Order

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 NX2016AA-24.000M-STD-CSZ-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]
24 to 25	100
25 to 36	80
36 to 80	60