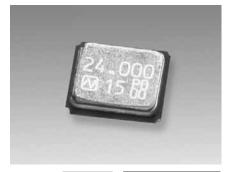


NX2016SA For OA / AV/ Short-range Wireless

■ Features

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

- •Ultra compact and thin. (2.0 × 1.6 × 0.45 mm 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.







■ Specifications

Item Model	NX2016SA
Nominal frequency	20 to 80 MHz
Overtone order	Fundamental
Frequency tolerance (25 ±3 °C)	±15 × 10 ⁻⁶
Frequency versus temperature characteristics (with reference to +25 °C)	±25 × 10⁻ ⁶
Operating temperature range	−40 to +85 °C
Storage temperature range	−40 to +85 °C
Equivalent series resistance	Refer to *1
Level of drive	10 μW (Max. 200 μW)
Load capacitance	8 pF

The above specifications are standard for this NDK product.

■ How to Specify an Order

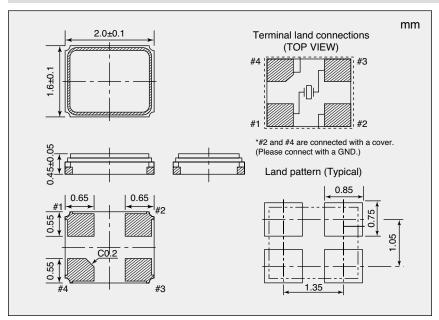
When ordering our products, specify them with an "Ordering Code" that consists of the following :

Model name - Frequency (Max : 9 digits) M - Number for specifying an order

Example NX2016SA-24.000M-STD-CZS-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]
20 to 24	100
24 to 26	80
26 to 40	60
40 to 80	50