

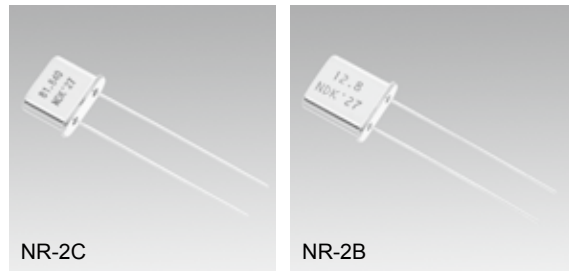
NR-2C / NR-2B

For High Precision Industry

■ Features

A highly reliable crystal unit with outstanding frequency stability and covering a broad frequency range.

- The product satisfies strict temperature characteristics standards, is shock resistant and has excellent frequency reproducibility.



Pb Free

RoHS Compliant
Directive 2011/65/EU

■ Specifications

Item	Model	NR-2C			NR-2B		
		10 to 25 MHz	45 to 95 MHz	80 to 150 MHz	10 to 30 MHz	25 to 75 MHz	50 to 100 MHz
Nominal frequency		Fundamental	3rd overtone	5th overtone	Fundamental	3rd overtone	5th overtone
Overtone order		$\pm 10 \times 10^{-6}$					
Frequency tolerance (25 \pm 3 °C)		$\pm 5 \times 10^{-6}$					
Frequency versus temperature characteristics (with reference to +25 °C)		-10 to +60 °C					
Operating temperature range		-40 to +85 °C					
Storage temperature range		Refer to *1			Refer to *2		
Equivalent series resistance		10 μ W (Max. 100 μ W)					
Level of drive		12 pF	Series resonance	12 pF	Series resonance		
Load capacitance							

*1 Equivalent Series Resistance(NR-2C)

Overtone Order	Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
Fundamental	10 to 25	40
3rd overtone	45 to 95	60
5th overtone	80 to 150	80

*2 Equivalent Series Resistance(NR-2B)

Overtone Order	Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
Fundamental	10 to 30	25
3rd overtone	25 to 30	50
	30 to 75	45
5th overtone	50 to 100	60

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 NR-2C-10.368M-STD-CMB-4

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

