

NR-2C / NR-2B

For High Precision Industry

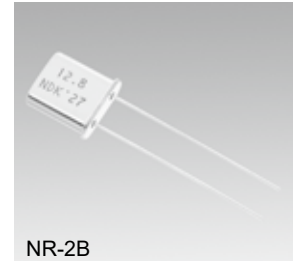
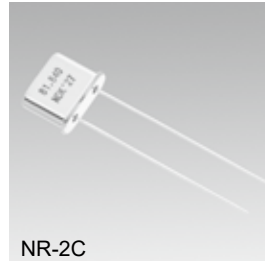
■ Features

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
Directive (EU) 2015/863



■ Specifications

Item	Model	NR-2C			NR-2B				NR-2C / NR-2B
		Standard			Standard				Optional
Nominal Frequency (MHz)		$10 \leq F \leq 25$	$45 \leq F \leq 95$	$80 \leq F \leq 150$	$10 \leq F \leq 30$	$25 \leq F < 30$	$30 \leq F \leq 75$	$50 \leq F \leq 100$	NR-2C: $10 \leq F \leq 150$ NR-2B: $10 \leq F \leq 100$
Overtone Order		Fundamental	3rd overtone	5th overtone	Fundamental	3rd overtone	3rd overtone	5th overtone	Fundamental/ 3rd overtone/ 5th overtone
Frequency Tolerance (25 ± 3 °C)		$\pm 10 \times 10^{-6}$			$\pm 10 \times 10^{-6}$				$\pm 10 \times 10^{-6}$
Frequency versus Temperature Characteristics (with reference to +25 °C)		$\pm 5 \times 10^{-6}$			$\pm 5 \times 10^{-6}$				$\pm 5 \times 10^{-6}$
Operating Temperature Range (°C)		-10 to +60			-10 to +60				-10 to +60
Storage Temperature Range (°C)		-40 to +85			-40 to +85				-40 to +85
Equivalent Series Resistance (Ω)		Max. 40	Max. 60	Max. 80	Max. 25	Max. 50	Max. 45	Max. 60	---
Level of Drive (μW)		10 (Max. 100)			10 (Max. 100)				10 (Max. 100)
Load Capacitance (pF)		Series resonance			Series resonance				Series or 8 to 20
Frequency Aging (+25 °C)		---			---				Max. $\pm 5 \times 10^{-6}$ / year *1
Specifications Number		STD-CMB-4	STD-CMB-5	STD-CMB-6	STD-CMB-1	STD-CMB-2		STD-CMB-3	Refer to *2

Please specify the model name, frequency, and specification number when you order products.

For further questions regarding specifications, please feel free to contact us.

*1 If you have any other requests, NDK will study it.

*2 Ordering information: Overtone Order Fundamental / 3rd Overtone, the Operating Temperature Range, Frequency versus Temperature Characteristics, Frequency Tolerance, and Load Capacitance.

Ex. Model, Frequency (100.000000MHz 6digits), S1: Fundamental or S3 : 3rd overtone or S5 : 5th overtone – Operating Temperature Range (-10 to +60°C) – Frequency versus Temperature Characteristics ($\pm 5 \times 10^{-6}$) – Frequency Tolerance ($\pm 10 \times 10^{-6}$) – Load Capacitance (8pF)

NR-2C
100.000000MHz
S5-1060-5-10-8

■ Dimensions

