

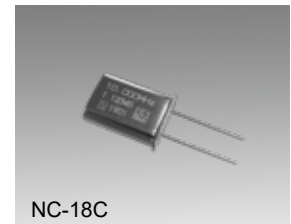
RC-8 / NC-18C

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.



RoHS Compliant
Directive 2011/65/EU
Directive (EU) 2015/863

■ Specifications

Item	Model	RC-8	NC-18C	RC-8 / NC-18C
Standard		Standard	Standard	Optional
Nominal Frequency (MHz)		$5 \leq F \leq 20$	$10 \leq F \leq 20$	RC-8 : $5 \leq F \leq 20$ NC-18C : $10 \leq F \leq 20$
Overtone Order		3rd overtone	3rd overtone	3rd overtone
Operating Temperature Range (°C)		-40 to +120	-40 to +120	-40 to +120
Storage Temperature Range (°C)		-55 to +125	-55 to +125	-55 to +125
Turnover point (°C)		+70 to +110	+70 to +110	+70 to +110
Frequency Tolerance (at middle of turnover point)		Max. $\pm 3 \times 10^{-6}$	Max. $\pm 3 \times 10^{-6}$	Max. $\pm 3 \times 10^{-6}$
Equivalent Series Resistance (Ω)		Max. 150	Max. 150	Max. 150
Level of Drive (μ W)		Max. 100	Max. 100	Max. 100
Load Capacitance (pF)		Series to 32	Series to 32	Series to 32
Frequency Aging (at Turnover point)		---	---	Max. $\pm 100 \times 10^{-9}$ / year *1 (24H after ref)
Specifications Number		STD-CWB-2	STD-CWB-1	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 3rd Overtone, the Operating Temperature Range, Frequency Tolerance, and Load Capacitance.

Ex. Model, Frequency(12.000000MHz 6digits), S3 : 3rd overtone – Operating Temperature Range(-40 to +120°C) – Frequency Tolerance($\pm 3 \times 10^{-6}$) – Load Capacitance(10pF)

RC-8
12.000000MHz
S3-40120-3-10

■ Dimensions

