Crystal Units



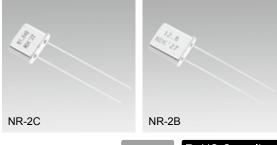
NR-2C / NR-2B

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.



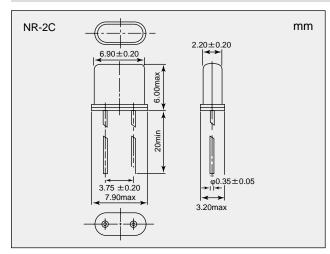
Pb Free RoHS Compliant Directive 2011/65/EU

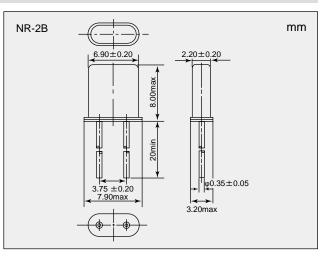
Specifications

Item Model	NR-2C				
Nominal Frequency	10 to 25 MHz	45 to 95 MHz	80 to 150 MHz		
Overtone Order	Fundamental	3rd overtone	5th overtone		
Frequency Tolerance (25 ±3 °C)	±10 × 10 ⁻⁶				
Frequency versus Temperature Characteristics (with reference to +25 °C)	$\pm 5 \times 10^{-6}$				
Operating Temperature Range	−10 to +60 °C				
Storage Temperature Range	−40 to +85 °C				
Equivalent Series Resistance	Max. 40Ω	Max. 60Ω	Max. 80Ω		
Level of Drive	10 μW (Max. 100 μW)				
Load Capacitance	12 pF	pF Series resonance			
Specifications Number	STD-CMB-4	STD-CMB-5	STD-CMB-6		

Item Model	NR-2B				
Nominal Frequency	10 to 30 MHz	25 to 30 MHz	30 to 75 MHz	50 to 100 MHz	
Overtone Order	Fundamental	3rd overtone	3rd overtone	5th overtone	
Frequency Tolerance (25 ±3 °C)	±10 × 10 ⁻⁶				
Frequency versus Temperature Characteristics (with reference to +25 °C)	±5 × 10 ⁻⁶				
Operating Temperature Range	-10 to +60 °C				
Storage Temperature Range	-40 to +85 °C				
Equivalent Series Resistance	Max. 25Ω	Max. 50Ω	Max. 45Ω	Max. 60Ω	
Level of Drive	10 μW (Max. 100 μW)				
Load Capacitance	12 pF	Series resonance			
Specifications Number	STD-CMB-1	STD-CMB-2 STD-CMB-3		STD-CMB-3	

Dimensions





Please specify the model name, frequency, and specification number when you order products. For further questions regarding specifications, please feel free to contact us.



Г



