muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

XRCHA20M000F0Z01R0

To be discontinued **RoHS** **REACH**

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Industrial Equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.

Appearance & Shape
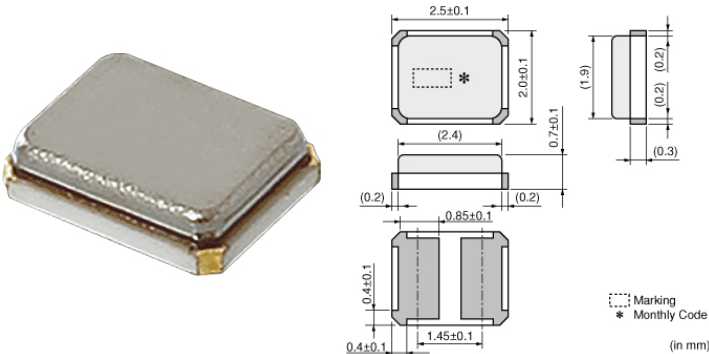
Packaging Information

Packaging	Specifications	Standard Packing Quantity
R0	180mm Plastic Tape	3000

Features

The crystal unit that realized small package and highly accurate frequency.
Based on Murata's excellent package technology and high grade quartz crystal elements, achieving small size and high accuracy resonators.

Features
1. The series is available in the applications to be necessary for high accuracy resonator.
2. The resonator is extremely small size (2.5 x 2.0 x 0.8 (mm)), and contribute to reduction in mounting area.
3. The series complies to RoHS directive, being lead-free (phase 3).

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URL : https://www.murata.com/

Last updated04/19/2024

Note: This datasheet may be out of date.

Please download the latest datasheet of XRCHA20M000F0Z01R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=XRCHA20M000F0Z01R0

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Specifications

Product Type	Crystal Unit
Series	XRCHA
Type	HCR2520
Frequency	20.0000MHz
Frequency Tolerance	+/-100ppm max. (25+/-3℃)
Operating Temperature Range	-40℃~105℃
Frequency Shift by Temperature	+/-100ppm max.
Frequency Aging	+/-5ppm max./year
Equivalent Series Resistance (ESR)	80ohm max.
Drive Level (DL)	150μW (300μW max.)
Load Capacitance (Cs)	8pF
Shape	SMD
Wash	Not available
L x W (size)	2.5x2.0mm
Mass	11.3mg

Attention

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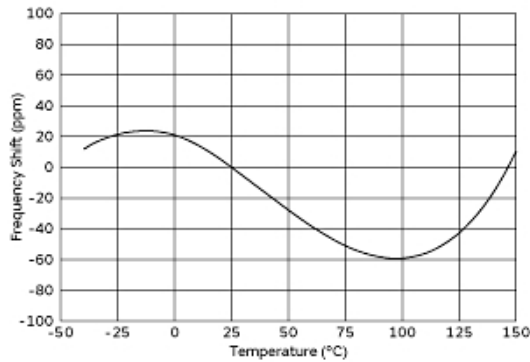
Temperature Characteristics

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