muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

XRCGB24M000F1H00R0

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

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer 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

(in mm)

(1) Crystal Terminal
(2) No Connection
(3) Crystal Terminal

Marking
* Monthly Code

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. Especially, it is the best for the communication clocks such as Wi-Fi and Bluetooth®*.
2. The resonator is extremely small size (2.0 x 1.6 x 0.7 (mm)), and contribute to reduction in mounting area.
3. The series complies to RoHS directive, being lead-free (phase 3).
*Note: This product doesn't have a Bluetooth® function.

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

Last updated05/17/2024

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Note: This datasheet may be out of date.
Please download the latest datasheet of XRCGB24M000F1H00R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=XRCGB24M000F1H00R0

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Specifications

Product Type	Crystal Unit
Series	XRCGB
Type	HCR2016
Frequency	24.0000MHz
Frequency Tolerance	+/-10ppm max. (25+/-3℃)
Operating Temperature Range	-20℃~70℃
Frequency Shift by Temperature	+/-10ppm max.
Frequency Aging	+/-2ppm max./year
Equivalent Series Resistance (ESR)	80ohm max.
Drive Level (DL)	150μW (300μW max.)
Load Capacitance (Cs)	6pF
Shape	SMD
Wash	Not available
L x W (size)	2.0x1.6mm
Mass	6.9mg

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
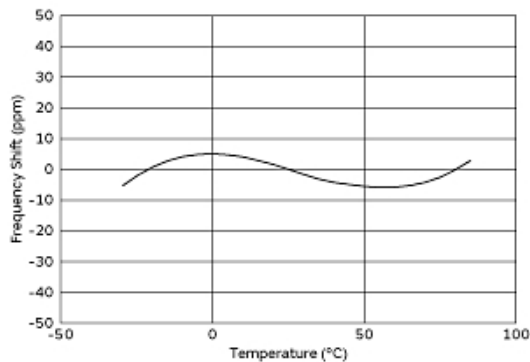2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Product Data

Temperature Characteristics

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