XRCGB24M000F3A00R0

In Production | AEC-Q200 | RoHS | REACH

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive powertrain/safety 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
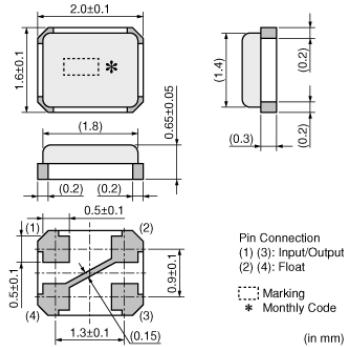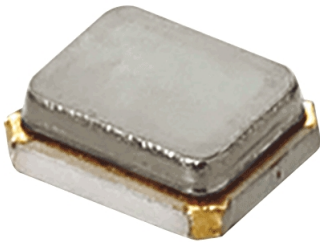
Packaging Information

Packaging	Specifications	Standard Packing Quantity
R0	180mm Plastic Tape	3000

Features

The crystal unit for automotive electronics 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 unit.

Features
1.The series has high reliability and is available for a wide temperature range.
2.The crystal unit is small size (2.0 x 1.6 x 0.7 (mm)), and contribute to reduction in mounting area.
3.The series complies to RoHS and ELV directives, being lead-free (phase 3).
4.The series complies to AEC-Q200.

muRata
INNOVATOR IN ELECTRONICS

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

Last updated 04/20/2024

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of XRCGB24M000F3A00R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=XRCGB24M000F3A00R0

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Specifications

Product Type	Crystal Unit
Series	XRCGB
Type	HCR2016
Frequency	24.0000MHz
Frequency Tolerance	+/-30ppm max. (25+/-3℃)
Operating Temperature Range	-40℃~125℃
Frequency Shift by Temperature	+/-35ppm max.
Frequency Aging	+/-10ppm max./15years
Equivalent Series Resistance (ESR)	120ohm 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

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Product Data
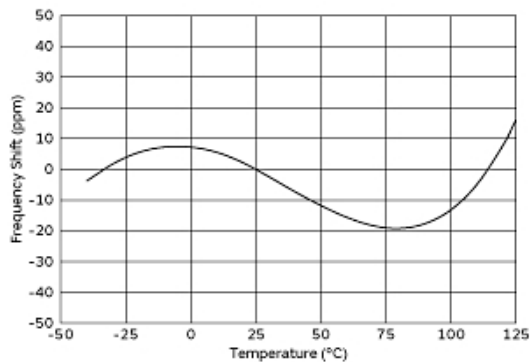
Temperature Characteristics

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Last updated04/20/2024