XRCGB48M000F0G00R0

In Production **RoHS** **REACH**

Appearance & Shape

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

Marking
✳ Monthly Code

(in mm)
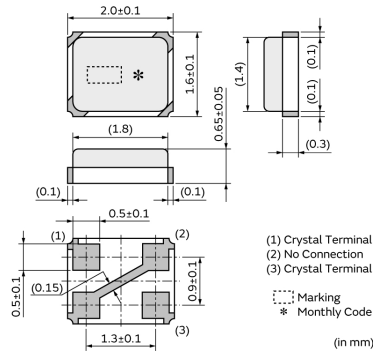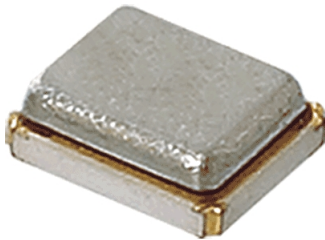
Features

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 S-ATA and USB2.0.
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).

Applications

Automotive Usage	Infotainment
Limited Usage	For car multimedia

Packaging Information

Packaging	Specifications	Standard Packing Quantity
R0	180mm Plastic Tape	3000

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.

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of XRCGB48M000F0G00R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=XRCGB48M000F0G00R0

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Specifications

Product Type	Crystal Unit
Series	XRCGB
Type	HCR2016
Frequency	48.0000MHz
Frequency Tolerance	+/-100ppm max. (25+/-3℃)
Operating Temperature Range	-40℃~85℃
Frequency Shift by Temperature	+/-50ppm max.
Frequency Aging	+/-5ppm max./year
Equivalent Series Resistance (ESR)	100ohm 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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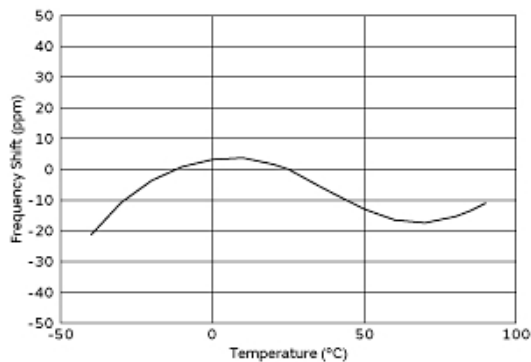
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Product Data

Temperature Characteristics

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