

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of XRCGB30M000F2P02R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=XRCGB30M000F2P02R0

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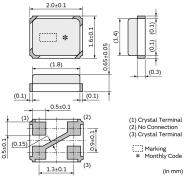






Appearance & Shape







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

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 extremerly 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

Other Usage	Consumer
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Packaging Information

Packaging	Specifications	Standard Packing Quantity
R0	180mm Plastic Tape	3000

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- 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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Specifications

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Product Type	Crystal Unit
Series	XRCGB
Туре	HCR2016
Frequency	30.0000MHz
Frequency Tolerance	+/-20ppm max. (25+/-3°C)
Operating Temperature Range	-30°C~85°C
Frequency Shift by Temperature	+/-20ppm max.
Frequency Aging	+/-5ppm max./year
Equivalent Series Resistance (ESR)	100ohm max.
Drive Level (DL)	150μW (300μW max.)
Load Capacitance (Cs)	10pF
Shape	SMD
Wash	Not available
L x W (size)	2.0x1.6mm
Mass	6.9mg

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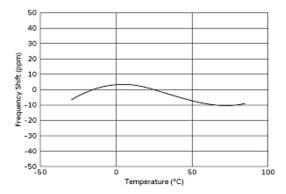
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Temperature Characteristics

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