

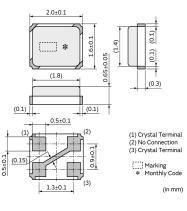
Product Search Data Sheet

## XRCGB16M000FXN14R0

In Production RoHS REACH

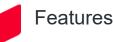
Appearance & Shape





Note: This datasheet may be out of date. Please download the latest datasheet of XRCGB16M000FXN14R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=XRCGB16M000FXN14R0



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.

 The resonator is extremerly small size (2.0 x 1.6 x 0.7 (mm)), and contribute to reduction in mounting area.

2 The series compliants PaUS directive be

The series complies to RoHS directive, being lead-free (phase 3).



Other Usage

Consumer



### **Packaging Information**

Packaging	Specifications	Standard
		Packing
		Quantity
R0	180mm Plastic Tape	3000

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#### 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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### Specifications

Product Type	Crystal Unit
Series	XRCGB
Туре	HCR2016
Frequency	16.0000MHz
Frequency Tolerance	+/-40ppm max. (25+/-3°C) (Total)
Operating Temperature Range	-30°C~85°C
Frequency Aging	+/-5ppm max./year
Equivalent Series Resistance (ESR)	200ohm max.
Drive Level (DL)	30µW (100µW max.)
Load Capacitance (Cs)	10pF
Shape	SMD
Wash	Not available
L x W (size)	2.0x1.6mm
Mass	6.9mg

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