

**Product Search Data Sheet** 

Note: This datasheet may be out of date. Please download the latest datasheet of XRCGB16M000FXN02R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=XRCGB16M000FXN02R0

# XRCGB16M000FXN02R0



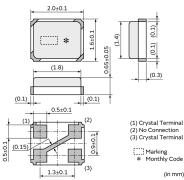






## Appearance & Shape







### **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



## Packaging Information

Packaging	Specifications	Standard Packing Quantity
R0	180mm Plastic Tape	3000

1 of 2

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- Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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# XRCGB16M000FXN02R0



# **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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