

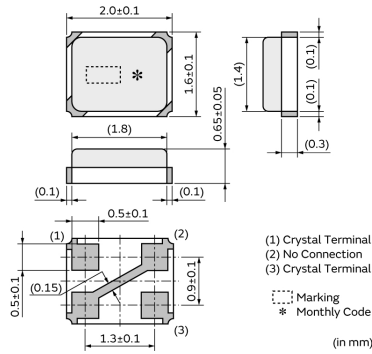
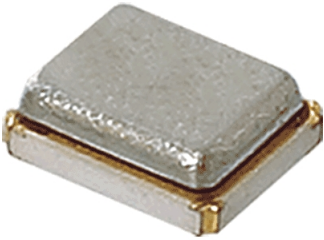
XRCGB16M000FXN22R0

In Production

RoHS

REACH

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 resonators.

Features

- The series is available in applications to be necessary for high accuracy resonator. Especially, it is the best for the communication clocks such as Wi-Fi and Bluetooth®*.
- The resonator is extremely small size (2.0 x 1.6 x 0.7 (mm)), and contribute to reduction in mounting area.
- The series complies to RoHS directive, being lead-free (phase 3).

*Note: This product doesn't have a Bluetooth® function.

Applications

Other Usage	Consumer
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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, its 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.

XRCGB16M000FXN22R0



Specifications

Product Type	Crystal Unit
Series	XRCGB
Type	HCR2016
Frequency	16.0000MHz
Frequency Tolerance	+/-40ppm max. (25+/-3°C) (Total)
Operating Temperature Range	-30°C~85°C
Frequency Shift by Temperature	+/-40ppm max.
Frequency Aging	+/-5ppm max./year
Equivalent Series Resistance (ESR)	200ohm max.
Drive Level (DL)	30μW (100μW max.)
Load Capacitance (Cs)	8pF
Shape	SMD
Wash	Not available
L x W (size)	2.0x1.6mm
Mass	6.9mg

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