

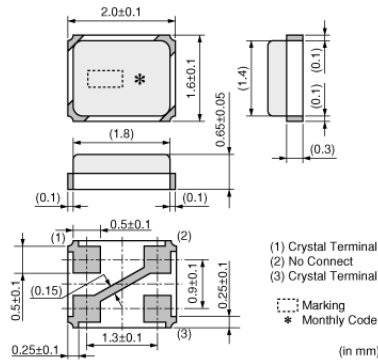
# XRCGB27M000FAN16R0

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

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 ( $2.0 \times 1.6 \times 0.7$  (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	Minimum Order 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 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.

# XRCGB27M000FAN16R0



## Specifications

Shape	SMD
Frequency	27.0000MHz
Frequency Tolerance	±25ppmmax. (25±3°C)
Operating Temperature Range	-10°C to 70°C
Frequency Shift by Temperature	±25ppmmax.
Frequency Aging	±5ppmmax./year
Wash	Not available
Load Capacitance	12pF
Equivalent Series Resistance(max.)	90Ω
Drive Level(max.)	600μW

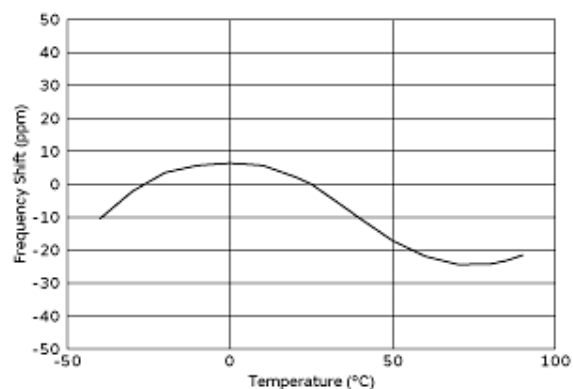
### Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products 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.

# XRCGB27M000FAN16R0



## Product Data



Temperature Characteristics

### 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 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.