

XRCGB27M600F2C00R0

In Production

**AEC-  
Q200**

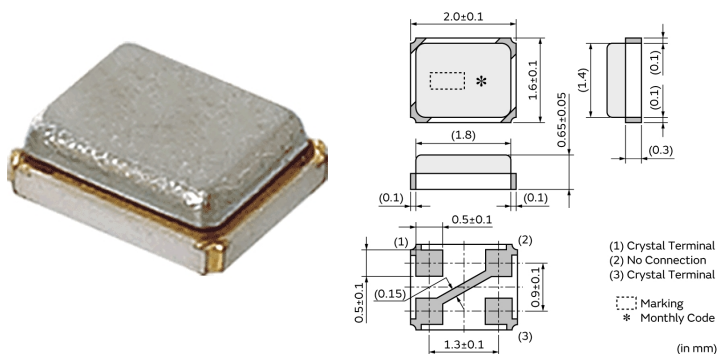
RoHS

REACH

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive infotainment/comfort equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.

## Appearance & Shape



## Packaging Information

Packaging	Specifications	Standard Packing Quantity
R0	180mm Plastic Tape	3000

## Features

The crystal unit for automotive electronics 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 crystal units.

## Features

- 1.The series is available in the applications to be necessary for high accuracy crystal unit.
- 2.The crystal unit is extremely small size (2.0 x 1.6 x 0.7 (mm)) , and contribute to reduction in mounting area.
- 3.The series complies to RoHS and ELV directives , being lead-free (phase 3).
- 4.The series complies to AEC-Q200.

### 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.

# XRCGB27M600F2C00R0



## Specifications

Product Type	Crystal Unit
Series	XRCGB
Type	HCR2016
Frequency	27.6000MHz
Frequency Tolerance	+/-20ppm max. (25+/-3°C)
Operating Temperature Range	-30°C~85°C
Frequency Shift by Temperature	+/-20ppm max.
Frequency Aging	+/-2ppm max./year
Equivalent Series Resistance (ESR)	80ohm max.
Drive Level (DL)	150μW (300μW max.)
Load Capacitance (Cs)	6pF
Shape	SMD
Wash	Not available
L x W (size)	2.0x1.6mm
Mass	6.9mg

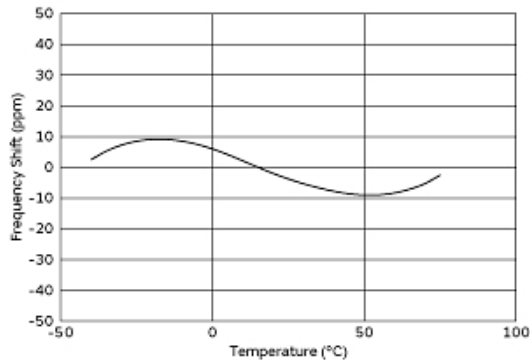
### Attention

- 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.

# XRCGB27M600F2C00R0



## 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 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.