

# XRCGB27M120F2C16R0

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.

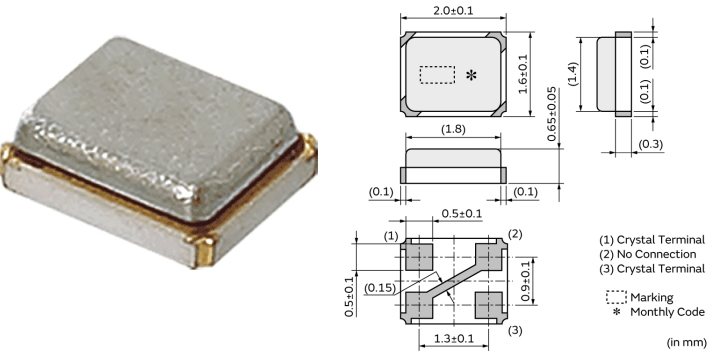
## Packaging Information

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.

## Appearance & Shape



**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
Type	HCR2016
Frequency	27.1200MHz
Frequency Tolerance	+/-20ppm max. (25+/-3°C)
Operating Temperature Range	-40°C~105°C
Frequency Shift by Temperature	+/-50ppm max.
Frequency Aging	+/-2ppm max./year
Equivalent Series Resistance (ESR)	80ohm max.
Drive Level (DL)	150μW (300μW max.)
Load Capacitance (Cs)	10pF
Shape	SMD
Wash	Not available
L x W (size)	2.0x1.6mm
Mass	6.9mg

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