

# XRCGB27M600F2C14R0

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<br>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. |

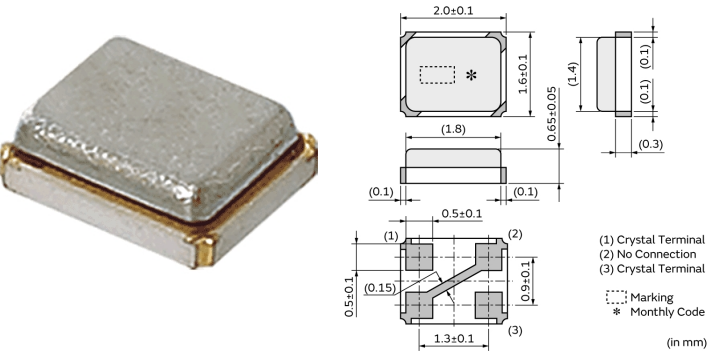
## Packaging Information

| 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.

# XRCGB27M600F2C14R0



## Specifications

|                                    |                          |
|------------------------------------|--------------------------|
| Product Type                       | Crystal Unit             |
| Series                             | XRCGB                    |
| Type                               | HCR2016                  |
| Frequency                          | 27.6000MHz               |
| 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)              | 8pF                      |
| Shape                              | SMD                      |
| Wash                               | Not available            |
| L x W (size)                       | 2.0x1.6mm                |
| Mass                               | 6.9mg                    |

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