

## XRCGE30M000F3A1BR0

In Production

AEC-Q200

RoHS

REACH

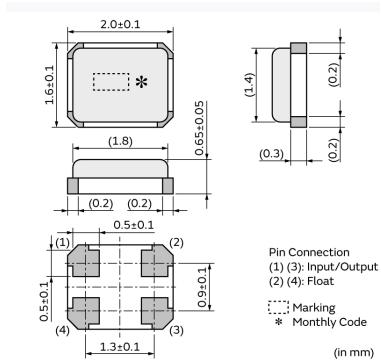
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 Please download the latest datasheet of XRCGE30M000F3A1BR0 from the official website of Murata

<http://www.murata.com/en-us/products/productdetail?partno=XRCGE30M000F3A1BR0>

## Applications

|                         |  |
|-------------------------|--|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use."  |
| Specific Applications   | Automotive powertrain/safety 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. |

## 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 unit.

### Features

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### Attention

- 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.
- 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.

# XRCGE30M000F3A1BR0

## Specifications

|                                    |                          |
|------------------------------------|--------------------------|
| Product Type                       | Crystal Unit             |
| Series                             | XRCGE                    |
| Type                               | HCR2016                  |
| Frequency                          | 30.0000MHz               |
| Frequency Tolerance                | +/-30ppm max. (25+/-3°C) |
| Operating Temperature Range        | -40°C~125°C              |
| Frequency Shift by Temperature     | +/-45ppm max.            |
| Frequency Aging                    | +/-20ppm max./15years    |
| Equivalent Series Resistance (ESR) | 70ohm max.               |
| Drive Level (DL)                   | 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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