

Note: This datasheet may be out of date.

Please download the latest datasheet of XRCGE20M000F3A1BR0 from the official website of Murata Manufacturing Co., Ltd.

https://www.murata.com/en-sg/products/productdetail?partno=XRCGE20M000F3A1BR0

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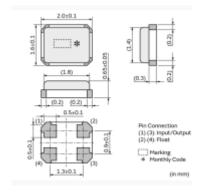






Appearance & Shape







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

- 1. The series has high reliability and is available for a wide temperature range.
- 2. The crystal unit is 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
- 4. The series complies to AEC-Q200.



Automotive Usage	Powertrain/Safety
Other Usage	Automotive



Packaging Information

Packaging	Specifications	Minimum Order Quantity
R0	180mm Plastic Tape	3000

1 of 2

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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Last updated : 2019/02/15

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XRCGE20M000F3A1BR0



Product Type	Crystal Unit	
Series	XRCGE	
Туре	HCR2016	
Frequency	20.0MHz	
Frequency Tolerance	+/-30ppm max. (25+/-3°C)	
Operating Temperature Range	-40°C to 125°C	
Frequency Shift by Temperature	+/-45ppm max.	
Frequency Aging	+/-5ppm max./year	
Equivalent Series Resistance (ESR)	150ohm max.	
Drive Level (DL)	150μW (300μW max.)	
Load Capacitance (Cs)	8pF	
Shape	SMD	
Wash	Not available	
L x W (size)	2.0x1.6mm	

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