Note: This datasheet may be out of date. Please download the latest datasheet of XRCGB48M000F5A00R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=XRCGB48M000F5A00R0

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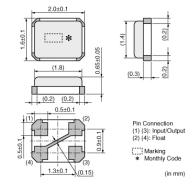
Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Automotive powertrain/safety 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 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 leadfree (phase 3).
- 4. The series complies to AEC-Q200.

1 of 2

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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





Product Search Data Sheet

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XRCGB48M000F5A00R0



Specifications

Product Type	Crystal Unit
Series	XRCGB
Туре	HCR2016
Frequency	48.0000MHz
Frequency Tolerance	+/-50ppm max. (25+/-3°C)
Operating Temperature Range	-40°C~125°C
Frequency Shift by Temperature	+/-65ppm max.
Frequency Aging	+/-10ppm max./15years
Equivalent Series Resistance (ESR)	60ohm 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

2 of 2

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