



Note: This datasheet may be out of date. Please download the latest datasheet of XRCGB27M120F3A00R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=XRCGB27M120F3A00R0

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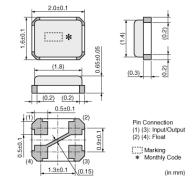
Applications

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.

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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

Crystal Unit	
XRCGB	
HCR2016	
27.1200MHz	
+/-30ppm max. (25+/-3°C)	
-40°C~125°C	
+/-35ppm max.	
+/-10ppm max./15years	
80ohm max.	
150μW (300μW max.)	
6pF	
SMD	
Not available	
2.0x1.6mm	
6.9mg	

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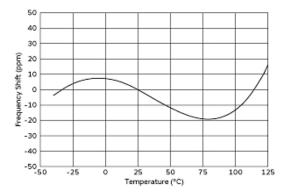
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Temperature Characteristics

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