Note: This datasheet may be out of date. Please download the latest datasheet of XRCGB27M000F0L00R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=XRCGB27M000F0L00R0

XRCGB27M000F0L00R0









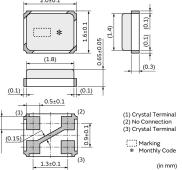
Applications

Unsuitable	Please be sure to read and comply with		
Applications	these "Precautions for use."		
	Consumer equipment,Industrial		
	equipment except for transportation &		
	facility & energy equipment, Medical		
	equipment [GHTF A/B],Mobile		
	Electronics		
Chaoifia	Please refer to Our Website and		
Specific Applications	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 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 resonators.

Features

- 1. The series is available in the applications to be necessary for high accuracy resonator. Especially, it is the best for the communication clocks such as S-ATA and USB2.0.
- 2. The resonator is extremerly small size (2.0 x 1.6 x 0.7 (mm)), and contribute to reduction in mounting area.
- 3. The series complies to RoHS directive, being lead-free (phase 3).

1 of 3

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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XRCGB27M000F0L00R0



Specifications

Crystal Unit	
XRCGB	
HCR2016	
27.0000MHz	
+/-100ppm max. (25+/-3°C)	
-30°C~85°C	
+/-50ppm max.	
+/-50ppm max.	
150ohm max.	
150μW (300μW max.)	
6pF	
SMD	
Not available	
2.0x1.6mm	
6.9mg	

2 of 3

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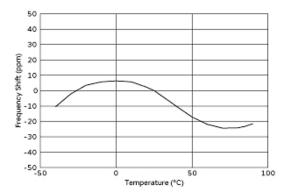


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Temperature Characteristics

3 of 3

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