Note: This datasheet may be out of date.

Please download the latest datasheet of XRCGB27M000F3M14R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=XRCGB27M000F3M14R0

XRCGB27M000F3M14R0









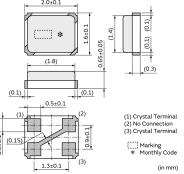
Applications

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





11

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 und 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

Attention

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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





Product Search Data Sheet

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XRCGB27M000F3M14R0



Specifications

Crystal Unit	
XRCGB	
HCR2016	
27.0000MHz	
+/-30ppm max. (25+/-3°C)	
-30°C~85°C	
+/-40ppm max.	
+/-5ppm max./year	
150ohm max.	
150μW (600μW max.)	
6pF	
SMD	
Not available	
2.0x1.6mm	
6.9mg	

2 of 3

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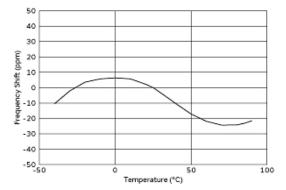
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XRCGB27M000F3M14R0





Temperature Characteristics

3 of 3

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