Note: This datasheet may be out of date.

Please download the latest datasheet of XRCGB31M250F3N00R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=XRCGB31M250F3N00R0

XRCGB31M250F3N00R0







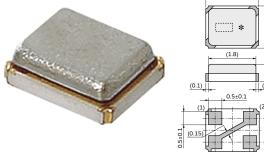


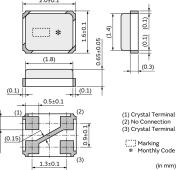
Applications

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







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

Attention

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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





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XRCGB31M250F3N00R0



Specifications

Crystal Unit	
XRCGB	
HCR2016	
31.2500MHz	
+/-30ppm max. (25+/-3°C)	
-20°C~85°C	
+/-30ppm max.	
+/-5ppm max./year	
100ohm max.	
150μW (300μW max.)	
6pF	
SMD	
Not available	
2.0x1.6mm	
6.9mg	

2 of 3

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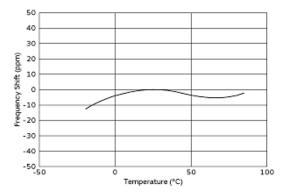
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XRCGB31M250F3N00R0





Temperature Characteristics

3 of 3

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