



Note: This datasheet may be out of date.

Please download the latest datasheet of XRCPB31M250F3M00R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=XRCPB31M250F3M00R0

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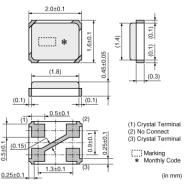
Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Consumer 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 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 ud USB2.0.
- 2. The resonator is extremerly small size ($2.0 \times 1.6 \times 0.7 \text{ (mm)}$), and contribute to reduction in mounting area.
- The series complies to RoHS directive, being lead-free (phase

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Attention

- 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.
- $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$
- Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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Specifications

Crystal Unit	
XRCPB	
HCR2016	
31.2500MHz	
+/-30ppm max. (25+/-3°C)	
-30°C~85°C	
+/-40ppm max.	
+/-5ppm max./year	
100ohm max.	
150μW (300μW max.)	
6pF	
SMD	
Not available	
2.0x1.6mm	
5.1mg	

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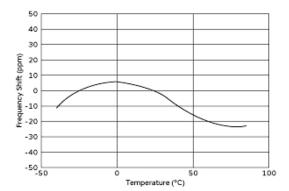
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Manufacturing Co., Ltd.

XRCPB31M250F3M00R0



Product Data



Temperature Characteristics

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