

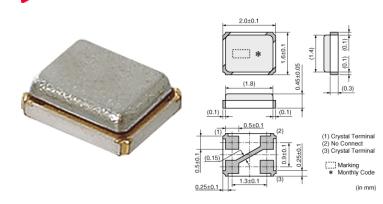
XRCPB31M250F0L00R0

discontinued RoHS REACH

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



Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of XRCPB31M250F0L00R0 from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=XRCPB31M250F0L00R0

Packaging Information

Packaging	Specifications	Standard Packing Quantity
R0	180mm Plastic Tape	3000



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 ul 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.

3. The series complies to RoHS directive, being lead-free (phase 3).

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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 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

Product Type	Crystal Unit
Series	XRCPB
Туре	HCR2016
Frequency	31.2500MHz
Frequency Tolerance	+/-100ppm max. (25+/-3°C)
Operating Temperature Range	-30°C~85°C
Frequency Shift by Temperature	+/-50ppm max.
Frequency Aging	+/-50ppm max.
Equivalent Series Resistance (ESR)	100ohm max.
Drive Level (DL)	150μW (300μW max.)
Load Capacitance (Cs)	6pF
Shape	SMD
Wash	Not available
L x W (size)	2.0x1.6mm
Mass	5.1mg

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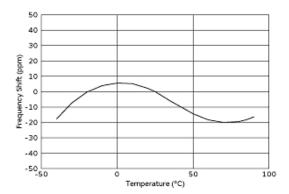
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INNOVATOR IN ELECTRONICS

XRCPB31M250F0L00R0





Temperature Characteristics

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