

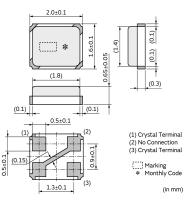
Product Search Data Sheet

XRCGB48M000F0L00R0

In Production RoHS REACH

Appearance & Shape





Note: This datasheet may be out of date. Please download the latest datasheet of XRCGB48M000F0L00R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=XRCGB48M000F0L00R0

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.

 The resonator is extremerly small size (2.0 x 1.6 x 0.7 (mm)), and contribute to reduction in mounting area.

2 The series compliants PaUS directive be

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



Other Usage

Consumer

Packaging Information

Packaging	Specifications	Standard Packing
		Quantity
R0	180mm Plastic Tape	3000

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Attention

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without advance notice. Please check with our sales representatives or product engineers before ordering.

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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	XRCGB
Туре	HCR2016
Frequency	48.0000MHz
Frequency Tolerance	+/-100ppm max. (25+/-3°C)
Operating Temperature Range	-30°C to 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	6.9mg

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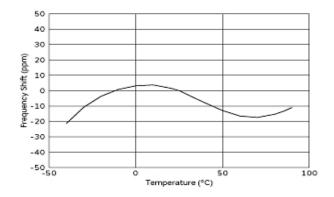
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Temperature Characteristics

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