

Note: This datasheet may be out of date. Please download the latest datasheet of XRCMD48M000F1P2AR0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=XRCMD48M000F1P2AR0

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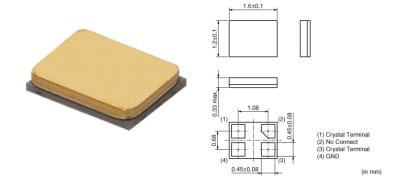


Applications

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.
- 2. The resonator is extremerly small size (1612), and contribute to reduction in mounting area.
- 3. The series complies to RoHS directive, being lead-free (phase

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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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Specifications

Product Type	Crystal Unit
Series	XRCMD
Туре	MCR1612
Frequency	48.0000MHz
Frequency Tolerance	+/-10ppm max. (25+/-2°C)
Operating Temperature Range	-40°C~85°C
Frequency Shift by Temperature	+/-20ppm max.
Frequency Aging	+/-1ppm max./year
Equivalent Series Resistance (ESR)	40ohm max.
Drive Level (DL)	100μW max.
Load Capacitance (Cs)	7pF
Shape	SMD
Wash	Not available (Please be sure to consult with our sales representative or engineer whenever and prior to using the products.)
L x W (size)	1.6x1.2mm
Mass	2.9mg

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