

### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of XRCMD48M000FXQ60R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=XRCMD48M000FXQ60R0

# XRCMD48M000FXQ60R0







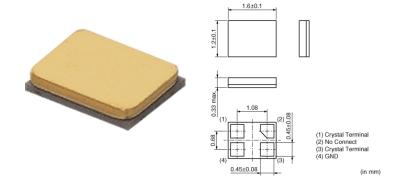


## **Applications**

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Consumer equipment
	Please refer to Our Website and
	specifications, etc. for information about
Specific	the performance, functions, quality,
Specific Applications	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		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 3).

1 of 2

#### 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





Note: This datasheet may be out of date.  $Please\ download\ the\ latest\ data sheet\ of\ XRCMD48M000FXQ60R0\ from\ the\ official\ website\ of\ Muratangle and the statest of\ Muratangle and\ Muratang$ Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=XRCMD48M000FXQ60R0

# XRCMD48M000FXQ60R0



# **Specifications**

Product Type	Crystal Unit
Series	XRCMD
Туре	MCR1612
Frequency	48.0000MHz
Frequency Tolerance	+/-20ppm max. (25+/-2°C) (Total)
Total Frequency Tolerance	+/-20ppm max.
Operating Temperature Range	-30°C~85°C
Frequency Aging	+/-1ppm max./year
Equivalent Series Resistance (ESR)	40ohm max.
Drive Level (DL)	30μW (100μW max.)
Load Capacitance (Cs)	5.8pF
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

2 of 2

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.

