

Please download the latest datasheet of XRCMD32M000FZQ52R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=XRCMD32M000FZQ52R0

Note: This datasheet may be out of date.

# XRCMD32M000FZQ52R0







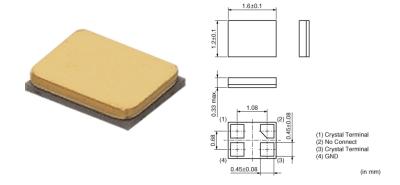


## **Applications**

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	management, and safety required for	
Applications	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

1 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





### Product Search Data Sheet

Note: This datasheet may be out of date.  $Please\ download\ the\ latest\ data sheet\ of\ XRCMD32M000FZQ52R0\ from\ the\ official\ website\ of\ Murata$ Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=XRCMD32M000FZQ52R0

# XRCMD32M000FZQ52R0



# **Specifications**

D 1 1 T		
Product Type	Crystal Unit	
Series	XRCMD	
Туре	MCR1612	
Frequency	32.0000MHz	
Frequency Tolerance	+/-30ppm max. (Total)	
Total Frequency Tolerance	+/-30ppm max.	
Operating Temperature Range	-40°C~85°C	
Frequency Aging	+/-1ppm max./year	
Equivalent Series Resistance (ESR)	60ohm max.	
Drive Level (DL)	30μW (100μW max.)	
Load Capacitance (Cs)	6pF	
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.

