

Note: This datasheet may be out of date. Please download the latest datasheet of XRCHA16M000F0A01R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=XRCHA16M000F0A01R0

XRCHA16M000F0A01R0









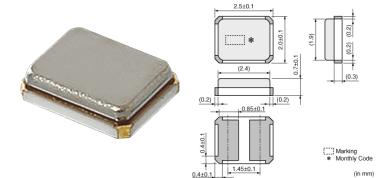


Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Automotive powertrain/safety 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 for automotive electronics 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 ccuracy unit.

Features

- 1. The series has high reliability and is available for a wide temperature range.
- 2.The crystal unit is small size (2.5 x 2.0 x 0.8 (mm)), and contribute to reduction in mounting area.
- 3. The series complies to RoHS and ELV directives, being leadfree (phase 3).
- 4. The series complies to AEC-Q200.

1 of 3

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Note: This datasheet may be out of date. $Please\ download\ the\ latest\ data sheet\ of\ XRCHA16M000F0A01R0\ from\ the\ official\ website\ of\ Muratangle and the statest and the stat$ Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=XRCHA16M000F0A01R0

XRCHA16M000F0A01R0



Specifications

Crystal Unit	
XRCHA	
HCR2520	
16.0000MHz	
+/-100ppm max. (25+/-3°C)	
-40°C~125°C	
+/-100ppm max.	
+/-5ppm max./year	
100ohm max.	
150μW (300μW max.)	
8pF	
SMD	
Not available	
2.5x2.0mm	
11.3mg	

2 of 3

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.



Note: This datasheet may be out of date.

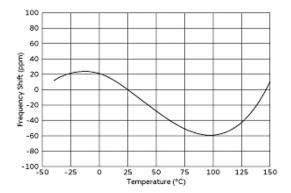
Please download the latest datasheet of XRCHA16M000F0A01R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=XRCHA16M000F0A01R0

XRCHA16M000F0A01R0



Product Data



Temperature Characteristics

3 of 3

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.

