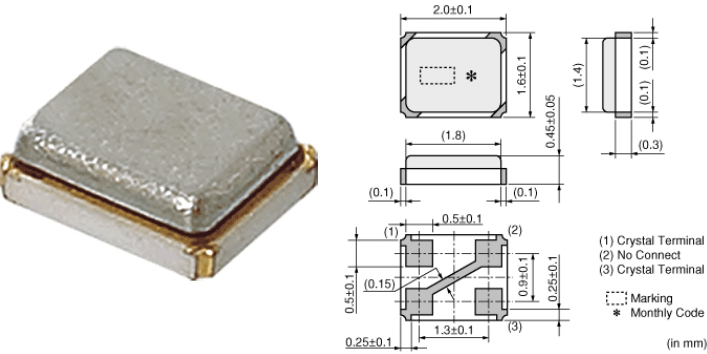# XRCPB27M000F2P00R0

In Production   RoHS   REACH

Appearance & Shape

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.
2. The resonator is extremely small size (2.0 x 1.6 x 0.7 (mm)) , and contribute to reduction in mounting area.
3. The series complies to RoHS directive, being lead-free (phase 3).

Applications

Other Usage	Consumer

Packaging Information

Packaging	Specifications	Standard Packing Quantity
R0	180mm Plastic Tape	3000

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of XRCPB27M000F2P00R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=XRCPB27M000F2P00R0

XRCPB27M000F2P00R0

Specifications

Product Type	Crystal Unit
Series	XRCPB
Type	HCR2016
Frequency	27.0000MHz
Frequency Tolerance	+/-20ppm max. (25+/-3℃)
Operating Temperature Range	-30℃~85℃
Frequency Shift by Temperature	+/-20ppm max.
Frequency Aging	+/-5ppm max./year
Equivalent Series Resistance (ESR)	150ohm max.
Drive Level (DL)	150μW (300μW max.)
Load Capacitance (Cs)	6pF
Shape	SMD
Wash	Not available
L x W (size)	2.0x1.6mm
Mass	5.1mg

URL : https://www.murata.com/

Last updated03/20/2022

Product Search Data Sheet

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Product Data

Temperature Characteristics

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.
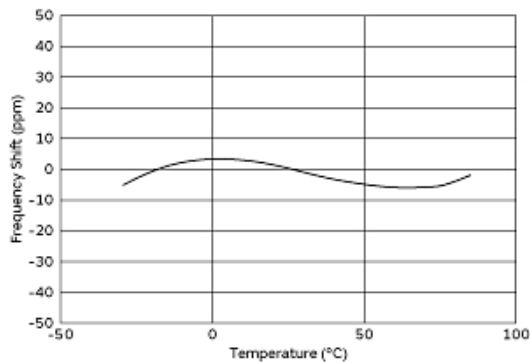
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Last updated 03/20/2022

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