

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of XRCPB24M000F3N00R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=XRCPB24M000F3N00R0

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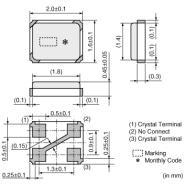
Applications

| 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. Especially, it is the best for the communication clocks such as S-ATA ud USB2.0.
- 2. The resonator is extremerly small size (2.0 x 1.6 x 0.7 (mm)) , and contribute to reduction in mounting area.
- The series complies to RoHS directive, being lead-free (phase
 .

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Attention

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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

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Specifications

| Product Type | Crystal Unit |
|---------------------------------------|--------------------------|
| Series | XRCPB |
| Туре | HCR2016 |
| Frequency | 24.0000MHz |
| Frequency Tolerance | +/-30ppm max. (25+/-3°C) |
| Operating Temperature Range | -20°C~85°C |
| Frequency Shift by Temperature | +/-30ppm 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 |

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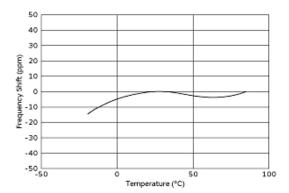
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Product Data



Temperature Characteristics

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