

XRCGB27M120F3A00R0

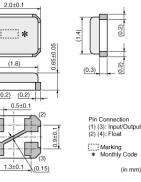
In Production AEC-Q200 RoHS REACH

Applications

| Unsuitable | Please be sure to read and comply with |
|--------------------------|--|
| Applications | these "Precautions for use." |
| | Automotive powertrain/safety equipment |
| | Please refer to Our Website and |
| | specifications, etc. for information about |
| Onesifie | 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



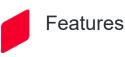


Note: This datasheet may be out of date. Please download the latest datasheet of XRCGB27M120F3A00R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=XRCGB27M120F3A00R0

Packaging Information

| Packaging | | Standard Packing Quantity |
|-----------|--------------------|---------------------------------|
| R0 | 180mm Plastic Tape | 3000 |



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 accuracy unit.

Features

1. The series has high reliability and is available for a wide temperature range.

2. The crystal unit is small size $(2.0 \times 1.6 \times 0.7 \text{ (mm)})$, and contribute to reduction in mounting area.

3.The series complies to RoHS and ELV directives, being lead-free (phase 3).

4.The series complies to AEC-Q200.

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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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Specifications

| Product Type | Crystal Unit |
|---------------------------------------|--------------------------|
| Series | XRCGB |
| Туре | HCR2016 |
| Frequency | 27.1200MHz |
| Frequency Tolerance | +/-30ppm max. (25+/-3°C) |
| Operating Temperature Range | -40°C~125°C |
| Frequency Shift by Temperature | +/-35ppm max. |
| Frequency Aging | +/-10ppm max./15years |
| Equivalent Series Resistance (ESR) | 80ohm max. |
| Drive Level (DL) | 150µW (300µW max.) |
| Load Capacitance (Cs) | 6pF |
| Shape | SMD |
| Wash | Not available |
| L x W (size) | 2.0x1.6mm |
| Mass | 6.9mg |

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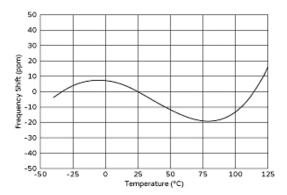


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Temperature Characteristics

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