

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of XRCGB27M120F0Z00R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=XRCGB27M120F0Z00R0

# XRCGB27M120F0Z00R0



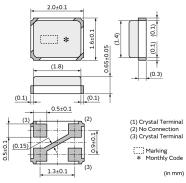






## Appearance & Shape







### **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

### Features

- 1. The series is available in the applications to be necessary for high accuracy resonator.
- 2. The resonator is extremerly 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



# **Applications**

| Other Usage | Industrial |
|-------------|------------|
|-------------|------------|



## **Packaging Information**

| Packaging | Specifications     | Standard<br>Packing<br>Quantity |
|-----------|--------------------|---------------------------------|
| R0        | 180mm Plastic Tape | 3000                            |

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- 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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# XRCGB27M120F0Z00R0



# **Specifications**

| Product Type                          | Crystal Unit              |
|---------------------------------------|---------------------------|
| Series                                | XRCGB                     |
| Туре                                  | HCR2016                   |
| Frequency                             | 27.1200MHz                |
| Frequency Tolerance                   | +/-100ppm max. (25+/-3°C) |
| Operating Temperature<br>Range        | -40°C~105°C               |
| Frequency Shift by<br>Temperature     | +/-100ppm max.            |
| Frequency Aging                       | +/-5ppm max./year         |
| Equivalent Series<br>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                                  | 6.9mg                     |

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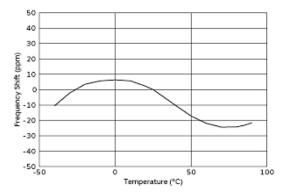
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**Temperature Characteristics** 

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## **X-ON Electronics**

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