

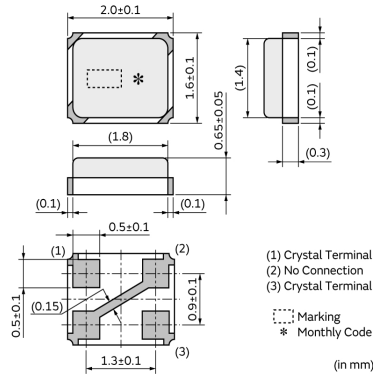
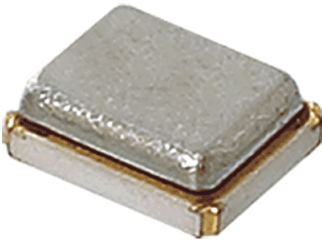
XRCGB25M000F3L12R0

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 | Minimum Order Quantity |
|-----------|--------------------|------------------------|
| R0 | 180mm Plastic Tape | 3000 |

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.

XRCGB25M000F3L12R0



Specifications

| | |
|------------------------------------|--------------------------|
| Product Type | Crystal Unit |
| Series | XRCGB |
| Type | HCR2016 |
| Frequency | 25.0000MHz |
| Frequency Tolerance | +/-30ppm max. (25+/-3°C) |
| Operating Temperature Range | -30°C to 105°C |
| Frequency Shift by Temperature | +/-50ppm max. |
| Frequency Aging | +/-5ppm max. |
| Equivalent Series Resistance (ESR) | 50ohm max. |
| Drive Level (DL) | 150μW (500μW max.) |
| Load Capacitance (Cs) | 20pF |
| Shape | SMD |
| Wash | Not available |
| L x W (size) | 2.0x1.6mm |
| Mass | 6.9mg |

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