

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of XRCGE27M600FBA1AR0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=XRCGE27M600FBA1AR0

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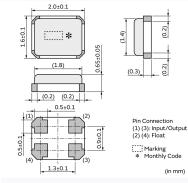






Appearance & Shape







Features

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

Features

- 1. The series has high reliability and is available for a wide temperature range.
- 2. The crystal unit is small size (2.0 x 1.6 x 0.7 (mm)), and contribute to reduction in mounting area.
- 3. The series complies to RoHS and ELV directives, being leadfree (phase 3).
- 4. The series complies to AEC-Q200.



Applications

Automotive Usage	Powertrain/Safety
Other Usage	Automotive



Packaging Information

Packaging	Specifications	Standard Packing 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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Specifications

Product Type	Crystal Unit
Series	XRCGE
Туре	HCR2016
Frequency	27.6000MHz
Frequency Tolerance	+/-15ppm max. (25+/-3°C)
Operating Temperature Range	-40°C~125°C
Frequency Shift by Temperature	+/-35ppm max.
Frequency Aging	+/-10ppm max./10years
Equivalent Series Resistance (ESR)	80ohm max.
Drive Level (DL)	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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