

XRCGB25M000F3A00R0

Example of Endorsed Major IC Manufacturers

- Microchip
- Renesas Electronics
- Texas Instruments
- TOSHIBA
- ON Semiconductor

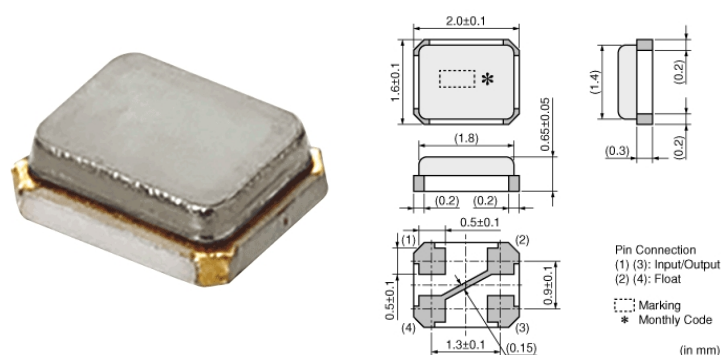
*Please refer to the "Specifications" for further details.



Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive powertrain/safety 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

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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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 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 x 1.6 x 0.7 (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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Specifications

Product Type	Crystal Unit
Series	XRCGB
Type	HCR2016
Frequency	25.0000MHz
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)	100ohm 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
Certified IC Part Number/IC manufacturer	KSZ8061/Microchip LAN8770R/Microchip EC-1/Renesas Electronics RZ/T1 /Renesas Electronics DS90UB954-Q1/Texas Instruments TC9562/TOSHIBA NCN26010XMNTXG/ON Semiconductor iND88002/indie Semiconductor

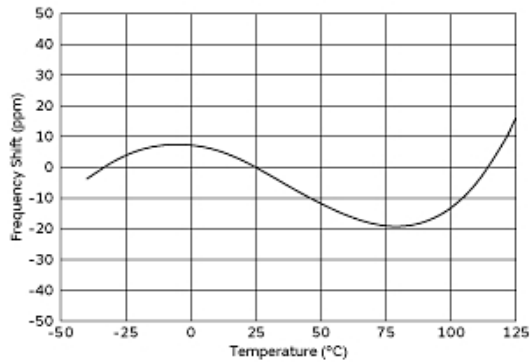
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Product Data



Temperature Characteristics

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