



Note: This datasheet may be out of date. Please download the latest datasheet of CSTNR4M00GH5C000R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTNR4M00GH5C000R0

# CSTNR4M00GH5C000R0











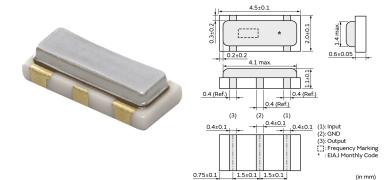


## **Applications**

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
Specific	the performance, functions, quality,
Applications	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 Embossed Tape	3000



### **Features**

MURATA's frequency adjustment and packaging technology expertise has enabled the development of the chip CERALOCK. This diverse series owes its development to MURATA's original mass production techniques and high reliability, and has achieved importance in the worldwide automotive market.

### Features

- 1. High accuracy resonators whose total tolerance is available for less than +-3,000ppm.
- 2. High reliability and available for a wide temperature range.
- 3. Oscillation circuits do not require external load capacitors.
- 4. Available for a wide frequency range.
- 5. Extremely small and have a low profile.
- 6. No adjustment is necessary for oscillation circuits.
- 7. Stable supply is ensured due to not using precious metal(Palladium).

1 of 2

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





Note: This datasheet may be out of date.  $Please\ download\ the\ latest\ data sheet\ of\ CSTNR4M00GH5C000R0\ from\ the\ official\ website\ of\ Murata$ Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTNR4M00GH5C000R0

# CSTNR4M00GH5C000R0



# **Specifications**

Draduot Type	Ceramic Resonator	
Product Type	(CERALOCK)	
Series	CSTNR_GH5C	
Frequency	4.000MHz	
Frequency Tolerance	+/-0.07% max.	
Operating Temperature	-40°C~125°C	
Range		
Frequency Shift by	10.100/	
Temperature	+/-0.13% max.	
Frequency Aging	+/-0.07% max.	
Resonant Impedance (R1)	60ohm max.	
Built-in Load Capacitance	39pF	
(CL1/CL2)	33μι	
Shape	SMD	
Wash	available	
L x W (size)	4.5x2.0mm	
Mass	36.58mg	

2 of 2

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.

