

Product Search Data Sheet

Please download the latest datasheet of CSTCR7M37G55B-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTCR7M37G55B-R0

Note: This datasheet may be out of date.

CSTCR7M37G55B-R0













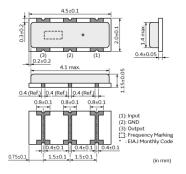
Applications

Unsuitable	Please be sure to read and comply with	
Applications	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 Embossed Tape	3000



Features

MURATA's frequency adjustment and package 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. The series has high reliability and is available for a wide temperature range.
- 2. Oscillation circuits do not require external load capacitors.
- 3. The series is available in a wide frequency range.
- 4. The resonators are extremely small and have a low profile.
- 5. No adjustment is necessary for oscillation circuits.

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Attention

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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

Frequency 7.370MHz Frequency Tolerance +/-0.50% max. Operating Temperature -40°C~125°C Range Frequency Shift by +/-0.15% max. Frequency Aging +/-0.05% max. Resonant Impedance (R1) 500hm max. Built-in Load Capacitance (CL1/CL2) 39pF Shape SMD Wash available L x W (size) 4.5x2.0mm			
Series CSTCR_G_B Frequency 7.370MHz Frequency Tolerance +/-0.50% max. Operating Temperature -40°C~125°C Range Frequency Shift by +/-0.15% max. Frequency Aging +/-0.05% max. Resonant Impedance (R1) 500hm max. Built-in Load Capacitance (CL1/CL2) 39pF SMD Wash available L x W (size) 4.5x2.0mm	Draduat Tura	Ceramic Resonator	
Frequency 7.370MHz Frequency Tolerance +/-0.50% max. Operating Temperature -40°C~125°C Range Frequency Shift by +/-0.15% max. Frequency Aging +/-0.05% max. Resonant Impedance (R1) 500hm max. Built-in Load Capacitance (CL1/CL2) 39pF SMD Wash available L x W (size) 4.5x2.0mm	Product Type	(CERALOCK)	
Frequency Tolerance +/-0.50% max. Operating Temperature	Series	CSTCR_G_B	
Operating Temperature Range Frequency Shift by Temperature Frequency Aging +/-0.05% max. Resonant Impedance (R1) Built-in Load Capacitance (CL1/CL2) Shape SMD Wash L x W (size) -40°C~125°C +/-0.15% max. 50ohm max. Sumble 4/-0.05% max. 50ohm max. 4/-0.05% max. 4	Frequency	7.370MHz	
Range Frequency Shift by Temperature Frequency Aging +/-0.15% max. Frequency Aging +/-0.05% max. Resonant Impedance (R1) Built-in Load Capacitance (CL1/CL2) Shape SMD Wash L x W (size) 4.5x2.0mm	Frequency Tolerance	+/-0.50% max.	
Range Frequency Shift by Temperature Frequency Aging +/-0.05% max. Resonant Impedance (R1) 50ohm max. Built-in Load Capacitance (CL1/CL2) Shape SMD Wash available L x W (size) 4.5x2.0mm	Operating Temperature	-40°C~125°C	
Temperature +/-0.15% max. Frequency Aging +/-0.05% max. Resonant Impedance (R1) 50ohm max. Built-in Load Capacitance (CL1/CL2) 39pF Shape SMD Wash available L x W (size) 4.5x2.0mm	Range	10 0 120 0	
Temperature Frequency Aging +/-0.05% max. Resonant Impedance (R1) 500hm max. Built-in Load Capacitance (CL1/CL2) 39pF SMD Wash available L x W (size) 4.5x2.0mm	Frequency Shift by	1/0.450/ 2004	
Resonant Impedance (R1) 50ohm max. Built-in Load Capacitance (CL1/CL2) 39pF Shape SMD Wash available L x W (size) 4.5x2.0mm	Temperature	+/-0.15% max.	
Built-in Load Capacitance (CL1/CL2) 39pF Shape SMD Wash available L x W (size) 4.5x2.0mm	Frequency Aging	+/-0.05% max.	
(CL1/CL2) 39pF Shape SMD Wash available L x W (size) 4.5x2.0mm	Resonant Impedance (R1)	50ohm max.	
(CL1/CL2) SMD Shape SMD Wash available L x W (size) 4.5x2.0mm	Built-in Load Capacitance	20nE	
Wash available L x W (size) 4.5x2.0mm	(CL1/CL2)	l gaht	
L x W (size) 4.5x2.0mm	Shape	SMD	
	Wash	available	
Mass 29mg	L x W (size)	4.5x2.0mm	
	Mass	29mg	

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