

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CSTCC3M68G53-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CSTCC3M68G53-R0

CSTCC3M68G53-R0









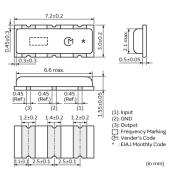
Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Consumer 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	2000



Features

MURATA's package technology expertise has enabled the development of the Chip CERALOCK. High-density mounting can be realized because of the small package and the elimination of the need for an external load capacitor.

Features

- 1. Oscillation circuits do not require external load capacitors.
- 2. Available in a wide frequency range.
- 3. Extremely small and have a low profile.
- 4. No adjustment is necessary for oscillation circuits.

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Specifications

Product Type Ceramic Resonator (CERALOCK) Series CSTCC_G Frequency 3.686MHz +/-0.50% max. Operating Temperature Range Frequency Shift by Temperature Frequency Aging +/-0.30% max. Frequency Aging +/-0.30% max. Built-in Load Capacitance (CL1/CL2) Shape SMD Wash L x W (size) 7.2x3.0mm Mass Beries Ceramic Resonator Resonator (CERALOCK) 150mmax. 150mmax. 15pF SMD		
Series CSTCC_G Frequency 3.686MHz Frequency Tolerance +/-0.50% max. Operating Temperature -20°C~80°C Frequency Shift by +/-0.30% max. Frequency Aging +/-0.30% max. Resonant Impedance (R1) 500hm max. Built-in Load Capacitance (CL1/CL2) 15pF Shape SMD Wash available L x W (size) 7.2x3.0mm	Draduot Type	Ceramic Resonator
Frequency Tolerance +/-0.50% max. Operating Temperature Range -20°C~80°C +/-0.30% max. Frequency Shift by +/-0.30% max. Frequency Aging +/-0.30% max. Resonant Impedance (R1) 500hm max. Built-in Load Capacitance (CL1/CL2) 15pF Shape SMD Wash available L x W (size) 7.2x3.0mm	Product Type	(CERALOCK)
Frequency Tolerance +/-0.50% max. Operating Temperature Range -20°C~80°C +/-0.30% max. Frequency Shift by +/-0.30% max. Frequency Aging +/-0.30% max. Resonant Impedance (R1) 50ohm max. Built-in Load Capacitance (CL1/CL2) 15pF Shape SMD Wash available L x W (size) 7.2x3.0mm	Series	CSTCC_G
Operating Temperature Range Frequency Shift by Temperature Frequency Aging +/-0.30% max. Resonant Impedance (R1) Built-in Load Capacitance (CL1/CL2) Shape SMD Wash L x W (size) -20°C~80°C +/-0.30% max. 150mm 15pF Sohm max. 15pF SMD 4/-0.30% max. 50ohm max. 15pF 7.2x3.0mm	Frequency	3.686MHz
Range Frequency Shift by Temperature Frequency Aging +/-0.30% max. Resonant Impedance (R1) Built-in Load Capacitance (CL1/CL2) Shape Wash L x W (size) -/-0.30% max. 15pF SMD available 7.2x3.0mm	Frequency Tolerance	+/-0.50% max.
Range Frequency Shift by Temperature Frequency Aging +/-0.30% max. Frequency Aging +/-0.30% max. Soohm max. Built-in Load Capacitance (CL1/CL2) Shape SMD Wash available L x W (size) 7.2x3.0mm	Operating Temperature	-20°C~80°C
Temperature +/-0.30% max. Frequency Aging +/-0.30% max. Resonant Impedance (R1) 50ohm max. Built-in Load Capacitance (CL1/CL2) 15pF Shape SMD Wash available L x W (size) 7.2x3.0mm	Range	
Temperature Frequency Aging +/-0.30% max. Resonant Impedance (R1) 500hm max. Built-in Load Capacitance (CL1/CL2) 15pF Shape SMD Wash available L x W (size) 7.2x3.0mm	Frequency Shift by	. / 0.000/
Resonant Impedance (R1) 50ohm max. Built-in Load Capacitance (CL1/CL2) 15pF Shape SMD Wash available L x W (size) 7.2x3.0mm	Temperature	+/-0.30% max.
Built-in Load Capacitance (CL1/CL2) 15pF Shape SMD Wash available L x W (size) 7.2x3.0mm	Frequency Aging	+/-0.30% max.
(CL1/CL2) 15pF Shape SMD Wash available L x W (size) 7.2x3.0mm	Resonant Impedance (R1)	50ohm max.
(CL1/CL2) SMD Wash available L x W (size) 7.2x3.0mm	Built-in Load Capacitance	15pE
Wash available L x W (size) 7.2x3.0mm	(CL1/CL2)	Topi
L x W (size) 7.2x3.0mm	Shape	SMD
	Wash	available
Mass 82mg	L x W (size)	7.2x3.0mm
	Mass	82mg

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