

## Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CSTCR6M25G55-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CSTCR6M25G55-R0

# CSTCR6M25G55-R0











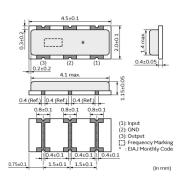
## **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Consumer equipment,Industrial equipment except for transportation & facility & energy equipment,Medical equipment [GHTF A/B],Mobile Electronics 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 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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# CSTCR6M25G55-R0



# **Specifications**

Product Type  Ceramic Resonator (CERALOCK)  Series  CSTCR_G  Frequency  6.250MHz  Frequency Tolerance  +/-0.50% max.  Operating Temperature Range Frequency Shift by Temperature  Frequency Aging  +/-0.20% max.  Frequency Aging  +/-0.10% max.  Resonant Impedance (R1)  500hm max.  Built-in Load Capacitance (CL1/CL2)  Shape  SMD  Wash  Not available  L x W (size)  4.5x2.0mm  Mass  29mg			
Series CSTCR_G  Frequency 6.250MHz  Frequency Tolerance +/-0.50% max.  Operating Temperature Range  Frequency Shift by +/-0.20% max.  Frequency Aging +/-0.10% max.  Resonant Impedance (R1) 500hm max.  Built-in Load Capacitance (CL1/CL2) 39pF  SMD  Wash Not available  L x W (size) 4.5x2.0mm	Draduct Tura	Ceramic Resonator	
Frequency 6.250MHz  Frequency Tolerance +/-0.50% max.  Operating Temperature Range -20°C~80°C +/-0.20% max.  Frequency Shift by +/-0.20% max.  Frequency Aging +/-0.10% max.  Resonant Impedance (R1) 50ohm max.  Built-in Load Capacitance (CL1/CL2) 39pF  SMD  Wash Not available  L x W (size) 4.5x2.0mm	Product Type	(CERALOCK)	
Frequency Tolerance +/-0.50% max.  Operating Temperature Range -20°C~80°C +/-0.20% max.  Frequency Shift by +/-0.20% max.  Frequency Aging +/-0.10% max.  Resonant Impedance (R1) 50ohm max.  Built-in Load Capacitance (CL1/CL2) 39pF  SMD  Wash Not available  L x W (size) 4.5x2.0mm	Series	CSTCR_G	
Operating Temperature Range Frequency Shift by Temperature Frequency Aging +/-0.20% max.  Frequency Aging +/-0.10% max.  Resonant Impedance (R1)  Built-in Load Capacitance (CL1/CL2)  Shape SMD  Wash Not available L x W (size)  -20°C~80°C  39°C  4.500 max.  Frequency Aging  -20°C~80°C  80°C  80	Frequency	6.250MHz	
Range Frequency Shift by Temperature  Frequency Aging  +/-0.20% max.  Frequency Aging  +/-0.10% max.  Resonant Impedance (R1)  Built-in Load Capacitance (CL1/CL2)  Shape  SMD  Wash  Not available  L x W (size)  -20°C~80°C  +/-0.20% max.  39pF  SOohm max.  Soohm max.  39pF  SMD  Vash  Not available	Frequency Tolerance	+/-0.50% max.	
Frequency Shift by Temperature +/-0.20% max.  Frequency Aging +/-0.10% max.  Resonant Impedance (R1) 500hm max.  Built-in Load Capacitance (CL1/CL2) 39pF  Shape SMD  Wash Not available  L x W (size) 4.5x2.0mm		-20°C~80°C	
Temperature +/-0.20% max.  Frequency Aging +/-0.10% max.  Resonant Impedance (R1) 50ohm max.  Built-in Load Capacitance (CL1/CL2) 39pF  Shape SMD  Wash Not available  L x W (size) 4.5x2.0mm	<u> </u>		
Frequency Aging +/-0.10% max.  Resonant Impedance (R1) 50ohm max.  Built-in Load Capacitance (CL1/CL2) 39pF  Shape SMD  Wash Not available  L x W (size) 4.5x2.0mm		+/-0.20% max.	
Resonant Impedance (R1) 50ohm max.  Built-in Load Capacitance (CL1/CL2) 39pF  SMD  Wash Not available  L x W (size) 4.5x2.0mm	Temperature		
Built-in Load Capacitance (CL1/CL2)  Shape  SMD  Wash  Not available  L x W (size)  4.5x2.0mm	Frequency Aging	+/-0.10% max.	
(CL1/CL2)         39pF           Shape         SMD           Wash         Not available           L x W (size)         4.5x2.0mm	Resonant Impedance (R1)	50ohm max.	
Shape SMD Wash Not available L x W (size) 4.5x2.0mm	Built-in Load Capacitance	20-5	
Wash Not available L x W (size) 4.5x2.0mm	(CL1/CL2)	39pF	
L x W (size) 4.5x2.0mm	Shape	SMD	
	Wash	Not available	
Mass 29mg	L x W (size)	4.5x2.0mm	
	Mass	29mg	

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