

#### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CSTCC3M58G56A-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTCC3M58G56A-R0

# CSTCC3M58G56A-R0











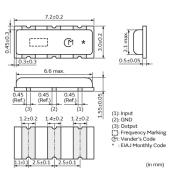
## **Applications**

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         2000		2000



### **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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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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# CSTCC3M58G56A-R0



# **Specifications**

Frequency 3.580MHz  Frequency Tolerance +/-0.50% max.  Operating Temperature -40°C~125°C  Range  Frequency Shift by +/-0.40% max.  Frequency Aging +/-0.30% max.  Resonant Impedance (R1) 500hm max.  Built-in Load Capacitance (CL1/CL2) 47pF  Shape SMD  Wash available  L x W (size) 7.2x3.0mm			
Series CSTCC_G_A  Frequency 3.580MHz  Frequency Tolerance +/-0.50% max.  Operating Temperature -40°C~125°C  Range  Frequency Shift by +/-0.40% max.  Frequency Aging +/-0.30% max.  Resonant Impedance (R1) 500hm max.  Built-in Load Capacitance (CL1/CL2) 47pF  SMD  Wash available  L x W (size) 7.2x3.0mm	Draduct Type	Ceramic Resonator	
Frequency Tolerance +/-0.50% max.  Operating Temperature A0°C~125°C +/-0.40% max.  Frequency Shift by +/-0.40% max.  Frequency Aging +/-0.30% max.  Resonant Impedance (R1) 500hm max.  Built-in Load Capacitance (CL1/CL2) 47pF  SMD  Wash available  L x W (size) 7.2x3.0mm	Product Type	(CERALOCK)	
Frequency Tolerance +/-0.50% max.  Operating Temperature	Series	CSTCC_G_A	
Operating Temperature Range Frequency Shift by Temperature Frequency Aging  H/-0.30% max.  Resonant Impedance (R1)  Built-in Load Capacitance (CL1/CL2)  Shape  SMD  Wash  L x W (size)  -40°C~125°C  +/-0.40% max.  47-0.30% max.  50-0-1	Frequency	3.580MHz	
Range Frequency Shift by Temperature  Frequency Aging  +/-0.40% max.  Frequency Aging  +/-0.30% max.  Resonant Impedance (R1)  Built-in Load Capacitance (CL1/CL2)  Shape  SMD  Wash  L x W (size)  -40°C~125°C  +/-0.40% max.  -47pF  Sohm max.  SMD  available  7.2x3.0mm	Frequency Tolerance	+/-0.50% max.	
Range Frequency Shift by Temperature  Frequency Aging  +/-0.30% max.  Resonant Impedance (R1)  50ohm max.  Built-in Load Capacitance (CL1/CL2)  Shape  SMD  Wash  L x W (size)  7.2x3.0mm	Operating Temperature	-40°C~125°C	
Temperature +/-0.40% max.  Frequency Aging +/-0.30% max.  Resonant Impedance (R1) 50ohm max.  Built-in Load Capacitance (CL1/CL2) 47pF  Shape SMD  Wash available  L x W (size) 7.2x3.0mm	Range	10 0 120 0	
Temperature  Frequency Aging +/-0.30% max.  Resonant Impedance (R1) 50ohm max.  Built-in Load Capacitance (CL1/CL2) 47pF  Shape SMD  Wash available  L x W (size) 7.2x3.0mm	Frequency Shift by	+/-0.40% max.	
Resonant Impedance (R1) 50ohm max.  Built-in Load Capacitance (CL1/CL2) 47pF  Shape SMD  Wash available  L x W (size) 7.2x3.0mm	Temperature		
Built-in Load Capacitance (CL1/CL2)         47pF           Shape         SMD           Wash         available           L x W (size)         7.2x3.0mm	Frequency Aging	+/-0.30% max.	
(CL1/CL2)         47pF           Shape         SMD           Wash         available           L x W (size)         7.2x3.0mm	Resonant Impedance (R1)	50ohm max.	
(CL1/CL2)            Shape         SMD           Wash         available           L x W (size)         7.2x3.0mm	Built-in Load Capacitance	47nF	
Wash available L x W (size) 7.2x3.0mm	(CL1/CL2)	1779	
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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