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Please download the latest datasheet of CSTNE10M0GH5L000R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CSTNE10M0GH5L000R0

# CSTNE10M0GH5L000R0





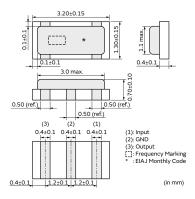






## Appearance & Shape







### **Features**

MURATA's frequency adjustment and packaging technology expertise has enabled the development of the chip CERALOCK(R) with built-in load capacitors.

### Features

- 1. Oscillation circuits do not require external load capacitors.
- 2. Available for a wide frequency range.
- 3. Extremely small and have a low profile.
- 4. No adjustment is necessary for oscillation circuits.
- 5. Stable supply is ensured due to not using precious metal(Palladium).



### **Applications**

Other Usage	Consumer/Industrial



### **Packaging Information**

Packaging		Standard Packing Quantity
R0	180mm Embossed Tape	3000

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# CSTNE10M0GH5L000R0



# **Specifications**

Product Type (CERALOCK)  Series CSTNE_GH5L  Frequency 10.000MHz  Frequency Tolerance +/-0.07% max.  Operating Temperature Range -40°C~85°C  Frequency Shift by +/-0.11% max.  Frequency Aging +/-0.07% max.  Resonant Impedance (R1) 400hm max.  Built-in Load Capacitance (CL1/CL2)  Shape SMD  Wash Not available  L x W (size) 3.2x1.3mm  Mass 10.48mg		Ceramic Resonator
Series CSTNE_GH5L  Frequency 10.000MHz  Frequency Tolerance +/-0.07% max.  Operating Temperature Range -40°C~85°C  Frequency Shift by +/-0.11% max.  Frequency Aging +/-0.07% max.  Resonant Impedance (R1) 400hm max.  Built-in Load Capacitance (CL1/CL2)  Shape SMD  Wash Not available  L x W (size) 3.2x1.3mm	Product Type	
Frequency 10.000MHz  Frequency Tolerance +/-0.07% max.  Operating Temperature A0°C~85°C  Frequency Shift by +/-0.11% max.  Frequency Aging +/-0.07% max.  Resonant Impedance (R1) 40ohm max.  Built-in Load Capacitance (CL1/CL2)  Shape SMD  Wash Not available  L x W (size) 3.2x1.3mm		(CERALOCK)
Frequency Tolerance +/-0.07% max.  Operating Temperature Range -40°C~85°C +/-0.11% max.  Frequency Shift by +/-0.11% max.  Frequency Aging +/-0.07% max.  Resonant Impedance (R1) 40ohm max.  Built-in Load Capacitance (CL1/CL2) 33pF  SMD  Wash Not available  L x W (size) 3.2x1.3mm	Series	CSTNE_GH5L
Frequency Tolerance +/-0.07% max.  Operating Temperature Range -40°C~85°C +/-0.11% max.  Frequency Shift by +/-0.11% max.  Frequency Aging +/-0.07% max.  Resonant Impedance (R1) 40ohm max.  Built-in Load Capacitance (CL1/CL2) 33pF  SMD  Wash Not available  L x W (size) 3.2x1.3mm	_	40.000444
Operating Temperature Range  Frequency Shift by Temperature  Frequency Aging  +/-0.11% max.  Frequency Aging  +/-0.07% max.  Resonant Impedance (R1)  Built-in Load Capacitance (CL1/CL2)  Shape  SMD  Wash  Not available  L x W (size)  3.2x1.3mm	Frequency	10.000MHz
Operating Temperature Range  Frequency Shift by Temperature  Frequency Aging  +/-0.11% max.  Frequency Aging  +/-0.07% max.  Resonant Impedance (R1)  Built-in Load Capacitance (CL1/CL2)  Shape  SMD  Wash  Not available  L x W (size)  3.2x1.3mm	Frequency Tolerance	+/-0.07% max.
Range Frequency Shift by Temperature  Frequency Aging  Resonant Impedance (R1)  Built-in Load Capacitance (CL1/CL2)  Shape  Wash  Not available  L x W (size)  -/-0.11% max.  4/-0.07% max.  40ohm max.  33pF  SMD  Not available		
Frequency Shift by Temperature +/-0.11% max.  Frequency Aging +/-0.07% max.  Resonant Impedance (R1) 40ohm max.  Built-in Load Capacitance (CL1/CL2)  Shape SMD  Wash Not available  L x W (size) 3.2x1.3mm		-40°C~85°C
Temperature +/-0.11% max.  Frequency Aging +/-0.07% max.  Resonant Impedance (R1) 40ohm max.  Built-in Load Capacitance (CL1/CL2) 33pF  Shape SMD  Wash Not available  L x W (size) 3.2x1.3mm		
Temperature  Frequency Aging +/-0.07% max.  Resonant Impedance (R1) 400hm max.  Built-in Load Capacitance (CL1/CL2)  Shape SMD  Wash Not available  L x W (size) 3.2x1.3mm	Frequency Shift by	+/-0 11% max
Resonant Impedance (R1) 40ohm max.  Built-in Load Capacitance (CL1/CL2) 33pF  Shape SMD  Wash Not available  L x W (size) 3.2x1.3mm	Temperature	7 0.1170 max.
Resonant Impedance (R1) 40ohm max.  Built-in Load Capacitance (CL1/CL2) 33pF  Shape SMD  Wash Not available  L x W (size) 3.2x1.3mm	Frequency Aging	+/-0.07% max.
Built-in Load Capacitance (CL1/CL2)         33pF           Shape         SMD           Wash         Not available           L x W (size)         3.2x1.3mm	. , , , ,	
(CL1/CL2)         33pF           Shape         SMD           Wash         Not available           L x W (size)         3.2x1.3mm	Resonant Impedance (R1)	40ohm max.
(CL1/CL2)         33pF           Shape         SMD           Wash         Not available           L x W (size)         3.2x1.3mm	Built-in Load Capacitance	
Shape SMD  Wash Not available  L x W (size) 3.2x1.3mm	'	33pF
Wash Not available  L x W (size) 3.2x1.3mm		
L x W (size) 3.2x1.3mm	Shape	SMD
L x W (size) 3.2x1.3mm	Wash	Not available
	V V COLL	Trot available
	L x W (size)	3.2x1.3mm
Mass 10.48mg		
_	Mass	10.48mg

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