CSTCR7M00G53-R0

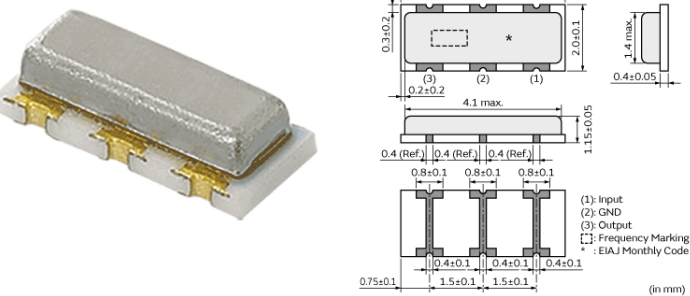**In Production** **Recommended** **RoHS** **REACH**

Applications

Unsuitable Applications	Please be sure to read and comply with 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

(1): Input
(2): GND
(3): Output
☐ : Frequency Marking
∗ : EIAJ Monthly Code

(in mm)

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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INNOVATOR IN ELECTRONICS

URL : https://www.murata.com/

Last updated05/21/2024

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Specifications

Product Type	Ceramic Resonator (CERALOCK)
Series	CSTCR_G
Frequency	7.000MHz
Frequency Tolerance	+/-0.50% max.
Operating Temperature Range	-20℃~80℃
Frequency Shift by Temperature	+/-0.20% max.
Frequency Aging	+/-0.10% max.
Resonant Impedance (R1)	50ohm max.
Built-in Load Capacitance (CL1/CL2)	15pF
Shape	SMD
Wash	Not available
L x W (size)	4.5x2.0mm
Mass	29mg

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