CSTNE20M0V53C000R0
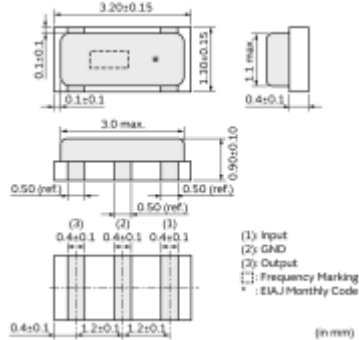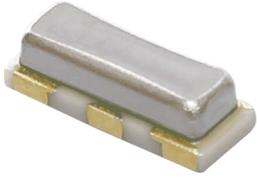
In Production | Recommended | RoHS | REACH | AEC-Q200

Appearance & Shape

(in mm)

Features

MURATA's package technology expertise has enabled the development of the Chip CERALOCK(R) with built-in load capacitors.
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. High reliability and available for a wide temperature range.
2. Oscillation circuits do not require external load capacitors.
3. Available for a wide frequency range.
4. Extremely small and have a low profile.
5. No adjustment is necessary for oscillation circuits.
6. Stable supply is ensured due to not using precious metal(Palladium).

Applications

Automotive Usage	Powertrain/Safety
Other Usage	Automotive

Packaging Information

Packaging	Specifications	Minimum Order Quantity
R0	180mm Embossed Tape	3000

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

Last updated : 2019/07/11

CSTNE20M0V53C000R0

Specifications

Product Type	Ceramic Resonator (CERALOCK®)
Series	CSTNE_V_C
Frequency	20.000MHz
Frequency Tolerance	+/-0.50% max.
Operating Temperature Range	-40℃ to 125℃
Frequency Shift by Temperature	+/-0.15% max.
Frequency Aging	+/-0.10% max.
Resonant Impedance (R1)	40ohm max.
Built-in Load Capacitance(CL1/CL2)	15pF
Shape	SMD
Wash	available
L x W (size)	3.2x1.3mm

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