CSTCR4M00G55B-R0

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

Appearance & Shape


```
4.5±0.1
0.3±0.2
2.0±0.1
1.4 max.
0.4±0.05
(3) (2) (1)
0.2±0.2
4.1 max.
1.15±0.05
0.4 (Ref.) 0.4 (Ref.) 0.4 (Ref.)
0.8±0.1 0.8±0.1 0.8±0.1
0.4±0.1 0.4±0.1 0.4±0.1
0.75±0.1 1.5±0.1 1.5±0.1
```

(1): Input
(2): GND
(3): Output
[ ]: Frequency Marking
* : EIAJ Monthly Code

(in mm)
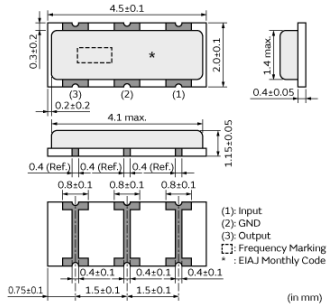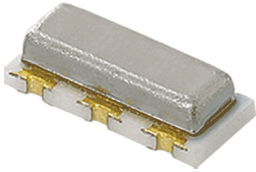
Features

MURATA's frequency adjustment and 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. 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.

Applications

Automotive Usage	Powertrain/Safety
Other Usage	Automotive

Packaging Information

Packaging	Specifications	Minimum Order Quantity
R0	180mm Embossed Tape	3000

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INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of CSTCR4M00G55B-R0 from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-global/products/productdetail?partno=CSTCR4M00G55B-R0

CSTCR4M00G55B-R0

Specifications

Product Type	Ceramic Resonator (CERALOCK®)
Series	CSTCR_G_B
Frequency	4.0MHz
Frequency Tolerance	+/-0.50% max.
Operating Temperature Range	-40℃ to 125℃
Frequency Shift by Temperature	+/-0.15% max.
Frequency Aging	+/-0.05% max.
Resonant Impedance (R1)	60ohm max.
Built-in Load Capacitance(CL1/CL2)	39pF
Shape	SMD
Wash	available
L x W (size)	4.5x2.0mm