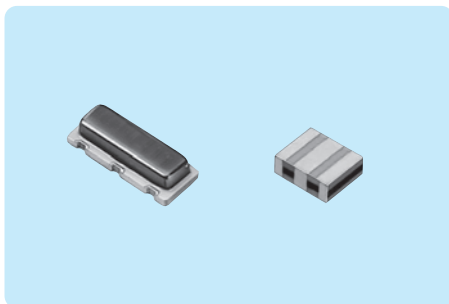


MURATA type CSTCC, CSTCR, CSTCV, CSTCE, CSTCW

CERALOCK®

A popular range of higher frequency piezo-electric ceramic resonators, with built-in load capacitance, housed in low profile surface mount packages. Ideally suited for electronic control circuits in small electronic equipment. Supplied taped and reeled. Other frequencies are available to special order.



- ◆ Extremely small
- ◆ High stability
- ◆ Built-in load capacitance
- ◆ Popular frequencies
- ◆ Supplied taped & reeled

EXPANDED RANGE**Specification**

Frequency tolerance	±0.5%
Temperature stability (over -20 to +80°C)	
CSTCC, CSTCV (≥16.0MHz), CSTCE (≥14.0MHz)	±0.3%
CSTCV (≤10.0MHz)	±0.4%
CSTCR, CSTCE (≤12.0MHz), CSTCW	±0.2%

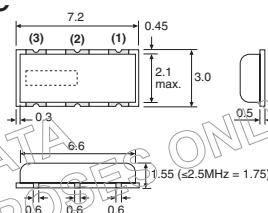
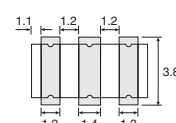
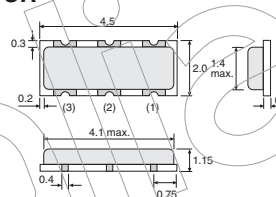
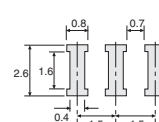
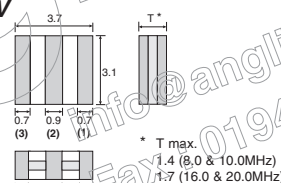
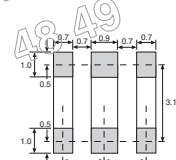
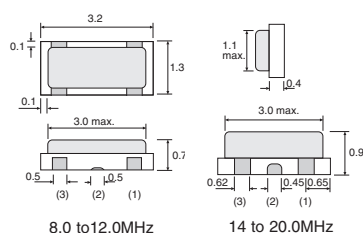
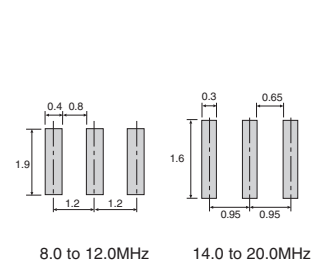
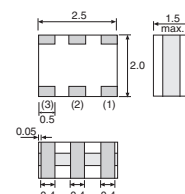
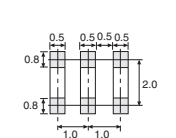
Packaging

TAPE : 8mm wide (CSTCE), 12mm wide (all others), 4mm pitch
 REEL : 178mm dia.

Frequency MHz	Manf. Part No. & anglia Order Code
2.0	CSTCC2M00G53-R0
2.45	CSTCC2M45G53-R0
2.5	CSTCC2M50G53-R0
3.27	CSTCC3M27G53-R0
3.58	CSTCC3M58G53-R0
3.69	CSTCC3M69G53-R0
4.0	CSTCC4M00G53-R0
4.0*	CSTCR4M00G53-R0
4.19	CSTCC4M19G53-R0
4.19*	CSTCR4M19G53-R0
4.5	CSTCR4M50G53-R0
4.91	CSTCC4M91G53-R0
4.91*	CSTCR4M91G53-R0
5.0	CSTCR5M00G53-R0
5.75	CSTCR5M75G53-R0
6.0	CSTCC6M00G53-R0
6.0*	CSTCR6M00G53-R0
6.75†	CSTCC6M75GZ3052-R0
7.37	CSTCR7M37G53-R0
8.0*	CSTCC8M00G53-R0
8.0	CSTCV8M00T54J-R0
8.0	CSTCE8M00G52-R0
8.86	CSTCE8M86G52-R0
10.0	CSTCC10M0G53-R0
10.0	CSTCV10M0T54J-R0
10.0*	CSTCE10M0G52-R0
10.16	CSTCE10M16G52-R0
10.24	CSTCE10M24G52-R0
10.7	CSTCE10M7G52-R0
11.0	CSTCE11M0G52-R0
12.0	CSTCE12M0G52-R0
14.0	CSTCE14M0V53-R0
16.0	CSTCV16M0X53J-R0
16.0*	CSTCE16M0V53-R0
17.9	CSTCE17M9V53-R0
19.2	CSTCE19M2V53-R0
20.0	CSTCV20M0X53J-R0
20.0*	CSTCE20M0V53-R0
22.11	CSTCW22M1X53-R0
24.0	CSTCW24M0X53-R0
27.0	CSTCW27M0X51-R0
32.0	CSTCW32M0X51-R0
36.0	CSTCW36M0X51-R0
60.0	CSTCW60M0X51-R0

*Preferred version

†Characterised for Micrel MICRF002/011/012

Dimensions (mm)**CSTCC****Pad Pattern****CSTCR****Pad Pattern****CSTCV****Pad Pattern****CSTCE****Pad Pattern****CSTCW****Pad Pattern****Connections (top view)**

- (1) Input
- (2) Ground
- (3) Output