CERAMIC RESONATORS SURFACE MOUNT

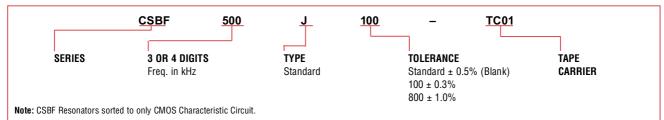
muRata Innovator in Electronics CSBF/CSAC, CSACV/CSACW Series



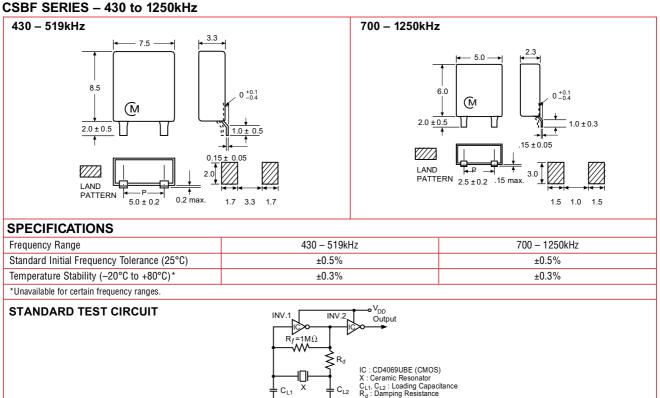
Increasing demand for size reduction and the economies realized through Surface Mount Technology, have led Murata Electronics to develop the CSBF and CSAC ceramic resonators. The CSBF is a miniaturized leaded unit offering size compatibility with most commonly available surface mount devices, while the CSKCC and the CSAC are true surface mountable component.

Both devices are available in tape and reel packaging compatible with most auto-placement equipment.

PART NUMBERING SYSTEM



DIMENSIONS: MM



C R

Note: Also available in automotive temp. grade.

CERAMIC RESONATORS SURFACE MOUNT

muRata Innovator in Electronics

100 VDC max.

CSAC, CSACV/CSACW Series

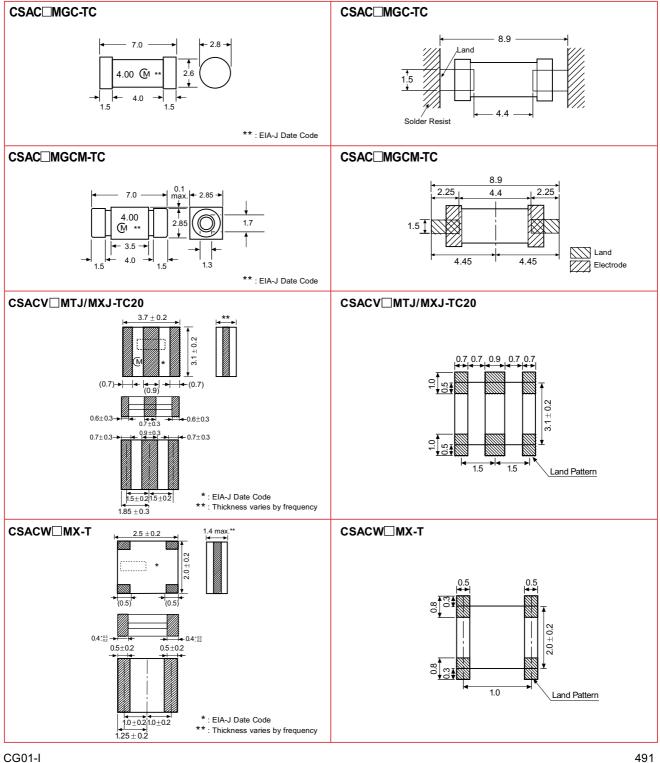
CSAC/CSACV/CSACW SERIES – 1.80 to 60.00MHz				NEW
SPECIFICATIONS	CSAC MGC/MGCM-TC	CSACV MTJ-TC20	CSACV MXJ040-TC20	CSACW⊡MX-T
Frequency Range	1.80 to 6.00MHz	6.01 to 13.0MHz	13.50 to 15.99MHz	16.00 to 60.00
Standard Initial Frequency Tolerance	±0.5%	±0.5%	±0.5%	±0.5%
Storage Temperature Range	-40°C to +85°C			–55°C to +85°C
Temperature Tol. (-20°C to +80°C)	±0.3%	±0.5%	±0.3%	±0.2%

DIMENSIONS: mm

Withstand Voltage

LAND PATTERN: mm

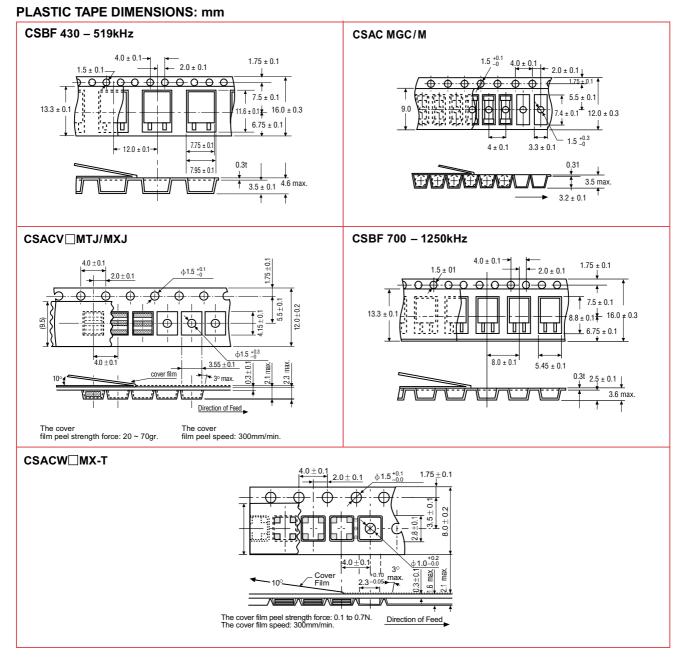
50 VDC max.



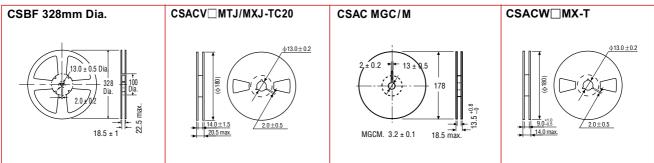
CERAMIC RESONATORS SURFACE MOUNT-TAPE AND REEL SPECS

muRata Innovator in Electronics

CSBF/CSAC/CSACV/CSACW Series



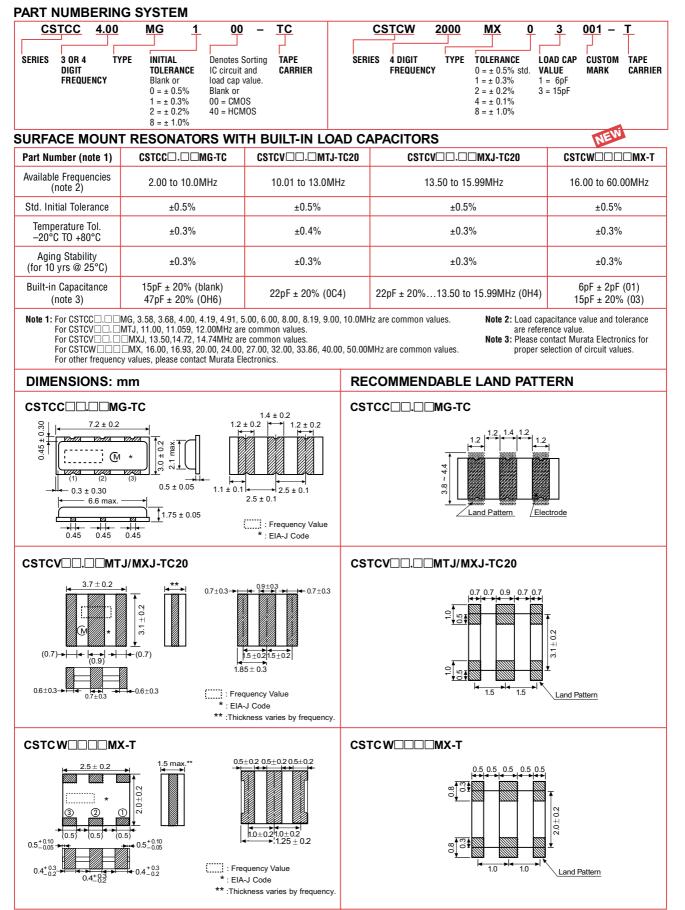
PLASTIC REEL DIMENSIONS: mm



CERAMIC RESONATORS SURFACE MOUNT WITH BUILT-IN LOAD CAPACITORS MECHANICAL CONSIDERATIONS CSTCC.



CSTCC, CSTCV,CSTCW Series



CG01-I