

Ceramic Resonators (CERALOCK®)



Chip Type Two Terminals CSACV/W Series

A wide range of chip "CERALOCK" is now available. This diverse series owes its development to MURATA's package technology expertise and original mass production techniques. It enables high-density mounting and further miniaturization of electronic equipment.

■ Features

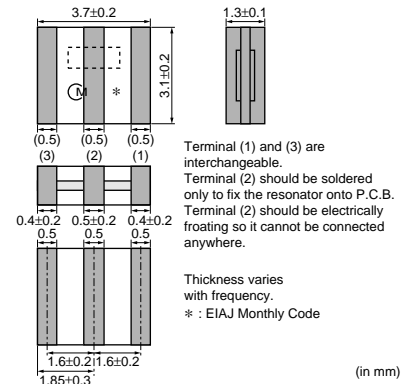
1. The series is available in a wide frequency range.
2. The resonators are extremely small and have a low profile (CSACW series).
3. No adjustment is necessary for oscillation circuits.

■ Applications

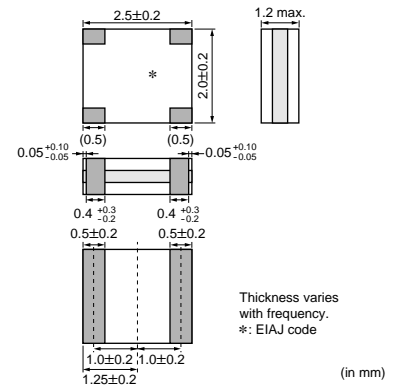
1. Clock oscillators for microprocessors
2. Electronic control circuits for small electronic equipment
3. Automotive electronics (CSACV_X_Q series)



CSACV_X_Q
20.01-70.00MHz



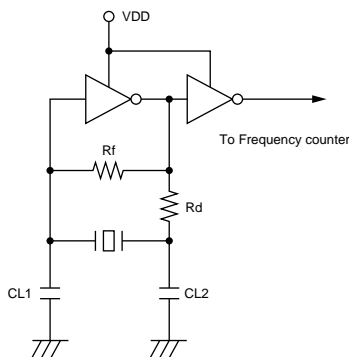
CSACW_X
20.01-70.00MHz



Part Number	Oscillating Frequency (MHz)	Initial Tolerance (%)	Temp. Stability (%)	Temperature Range (°C)	Use
CSACV_X_Q	20.01 to 70.00	±0.5	±0.3	-40 to +125	For automotive electronics
CSACW_X	20.01 to 70.00	±0.5	±0.2	-20 to +80	For consumer electronics

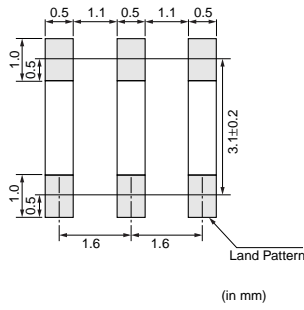
Irregular or stop oscillation may occur under unmatched circuit conditions. Please check the actual conditions prior to use.

■ Oscillation Frequency Measuring Circuit

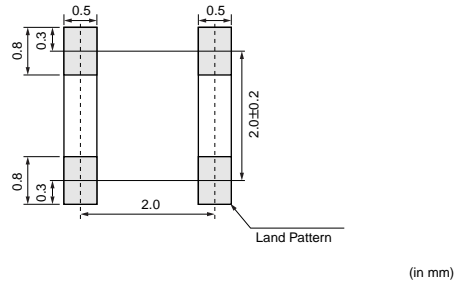


■ Standard Land Pattern Dimensions

CSACV_X_Q



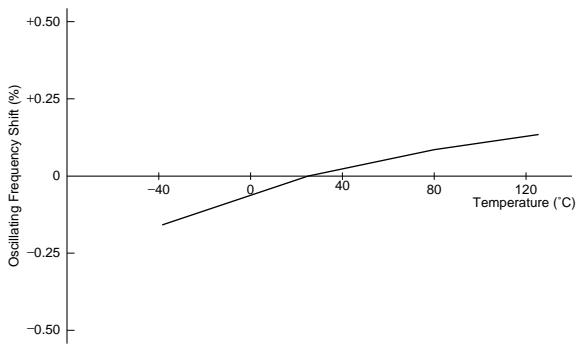
CSACW_X



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■ Oscillation Frequency Temperature Stability

CSACV_X_Q



CSACW_X

