

SMD Ceramic Filters for FM

**SMD Ceramic Filters with Low Profile 1.5 ± 0.2 mm,
Murata SFECV10M7 Compatible**



▶ Preview

Token SMD ceramic filter (LTCA/CV10.7M) for AM/FM has been made smaller, thinner and in a chip configuration for surface mounting to be of help to the total chip circuit. This is one more example of Token's leadership in converting conventional electronic components to chip technology.

The LTCA/CV10.7M series for FM-receivers are monolithic type ceramic filters which utilize the thickness expander mode of the piezoelectric ceramic. Piezoelectric element is connected in the sandwich shape by heat resistant substrate, thus it has excellent mechanical strength, and it is suitable for automatic mounting.

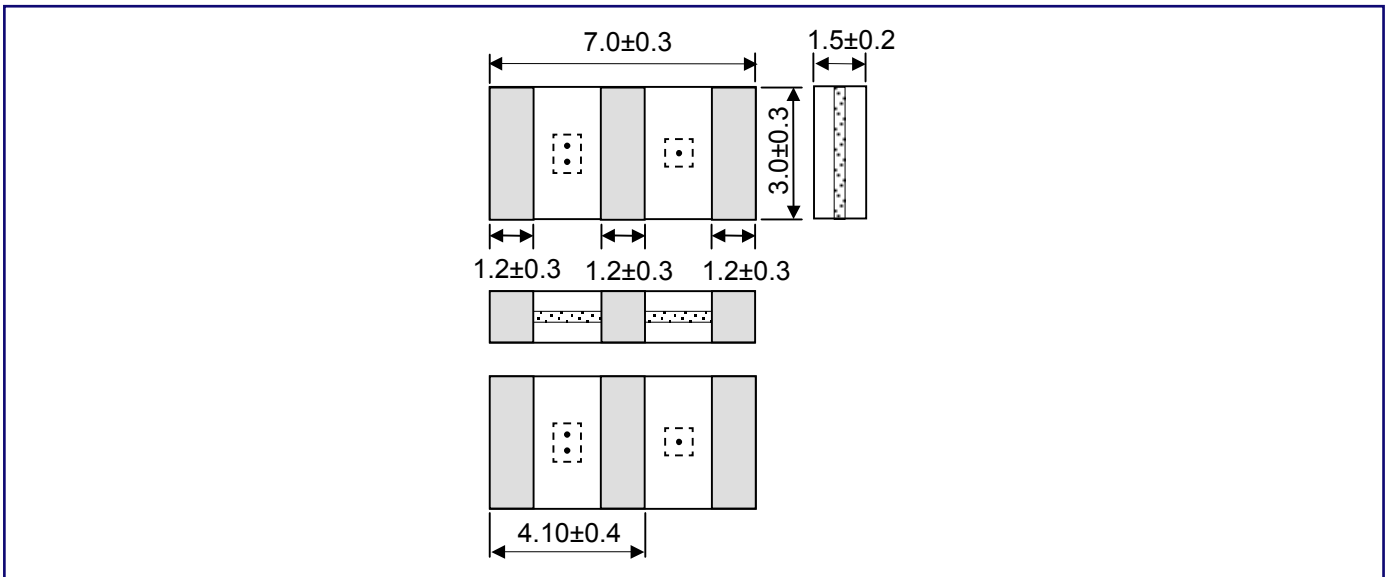
The dimensions of LTCA/CV10.7M chip ceramic filter is small as $7.0\pm 0.3 \times 3.0\pm 0.3$ mm with low profile 1.5 ± 0.2 mm. Insertion Loss max(dB) is from 3.0 db ~ 10 db, Spurious Attenuation (9~12 MHz) min(dB) 30 db ~ 35 db with Input/Output Impedance: 330Ω . Various bandwidths are available. Select a suitable type in accordance with the desired selectivity.

The LTCA/CV10.7M series conform to the RoHS directive. Token will also produce devices outside these specifications to meet specific customer requirements, please contact our sales for more information.

▶ Applications

- Small, thin radios, automotive radios.
- Headphone stereos.

Dimensions



Technical Characteristics

Part Number	3dB BandWidth (kHz)	20dB Band Width (kHz) max	Insertion Loss (dB)max	Spurious Attenuation (9-12MHz)(dB)min
LTCA10.7MJ	150 ± 40	430	10.0	30
LTCV10.7MJ	150 ± 40	380	5.5 ± 2.0	35
LTCA10.7MA5	280 ± 50	650	6.0	30
LTCV10.7MA5	280 ± 50	590	3.0 ± 2.0	35
LTCA10.7MS2	230 ± 50	570	6.0	30
LTCV10.7MS2	230 ± 50	510	3.5 ± 2.0	35
LTCA10.7MS3	180 ± 40	520	6.0	30
LTCV10.7MS3	180 ± 40	470	4.0 ± 2.0	35

Note: Input/Output Impedance: 330Ω

How to Order

LTCV10.7MA5

①

① Part Number

TR

②

② Packaging:(TR : Taping Reel)

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