

Ceramic Triple Trap Filters

4.5 MHz ~ 6.5 MHz

**XTMT Ceramic Triple Trap Filters
(Murata TPT Compatible)**

▶ Preview

The characteristic of a three-terminal ceramic trap equals two two-terminal ceramic trap. Three-terminal ceramic trap has a monolith structure formed from 2 ceramic resonators.

Trap filter is a ceramic filter passes only particular frequency. To the contrary, Band Eliminate Filter (B. E. F.) which blocks or attenuates particular frequency is called trap.

Sound trap for TV set is one of the famous example of B. E. F. In TV set, video signal is used in picture amplitude circuit after video signal detection block, ceramic resonator is insert here and trap circuit is formed in order to eliminate sound signal involved in video signal.



Token XT MT Ceramic Trap Filters (compatible to Murata TPT) series consist of 3 wafers with 3 trap frequencies. Recommended for Multi standard sets.

Full line products meet RoHS compliant. Token will also produce devices outside these specifications to meet specific customer requirements, please contact our sales for more information.

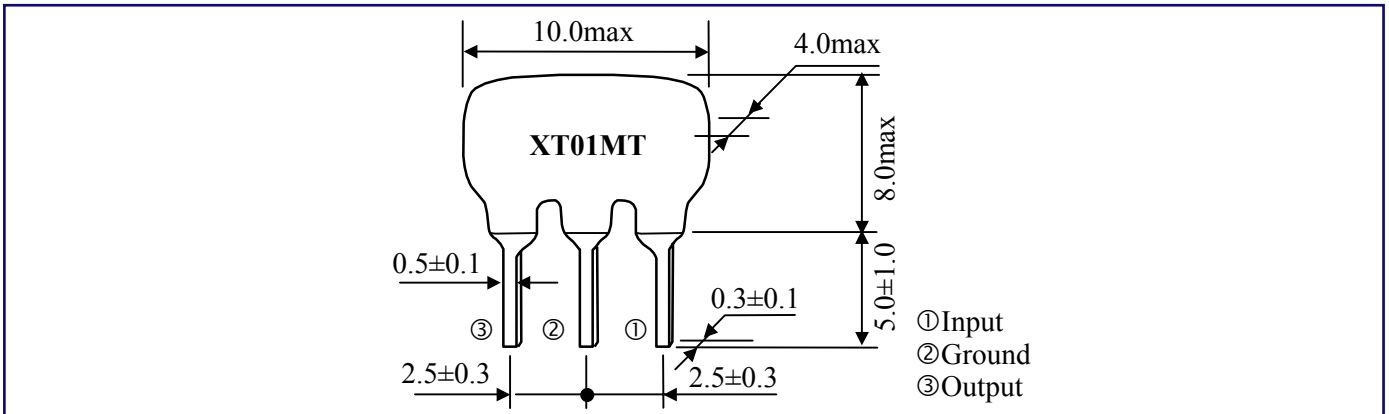
XTMT Triple Trap Filter Quick Selection :

1. Dimensions (Unit: mm): 10.0 max x 8.0 max x 4.0 max.
2. XT01MT Cener Frequency f01:5.500MHz; f02:6.000MHz; f03:6.500MHz;
30db min @f01& f02; & f03; 50(kHz)min@f01 30dB Att BW
3. XT02MT Cener Frequency f01:5.500MHz; f02:5.742MHz; f03:6.500MHz;
30db min @f01& f02; & f03; 50(kHz)min@f01 30dB Att BW
4. XT03MT Cener Frequency f01:5.500MHz; f02:5.742MHz; f03:6.000MHz;
30db min @f01& f02; & f03; 50(kHz)min@f01 30dB Att BW

Features :

1. Good performance of attenuation, three-terminals trap filter, and space saving for Multi set.

Dimensions

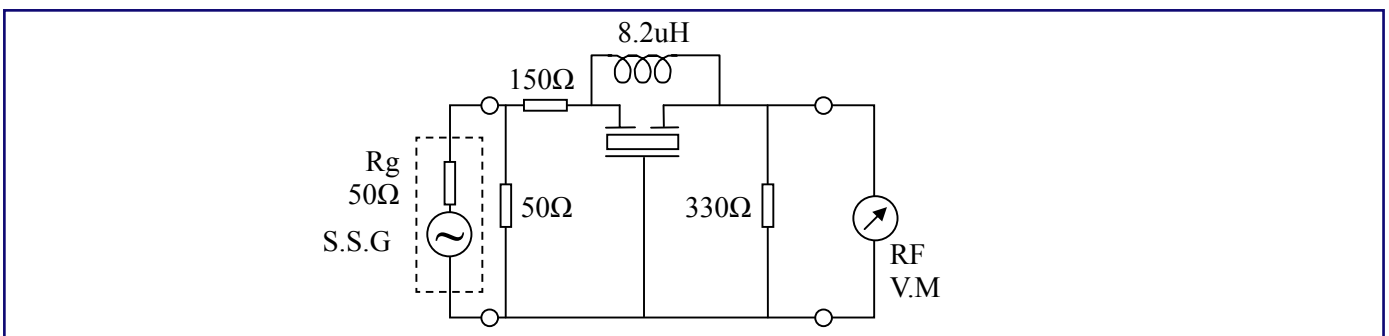


Characteristics

Part Number	Center Frequency (fo1)(MHz)	Center Frequency (fo2)(MHz)	Center Frequency (fo3)(MHz)	Attenuation (at fo1) (dB)min	Attenuation (at fo2) (dB)min	Attenuation (at fo3) (dB)min	30dB Attenuation BW (fo1)(kHz)min
XT01MT	5.500	6.000	6.500	30	30	30	50
XT02MT	5.500	5.742	6.500	30	30	30	50
XT03MT	5.500	5.742	6.000	30	30	30	50

Note: The level at 1MHz shall be made for a reference (0dB).

Test Circuit



How to Order

XT02MT

①

① Part Number

P

②

② Package

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