

Version:
December 1, 2022



(XT MJ)
Trap Filters

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▶ Product Introduction

Token (XT MJ) for Chrominance Carrier is Murata Trap Filter TPS MJ Series Compatible.

Features :

- RoHS Compliant.
- TV SIF stage use.
- Low insertion loss.
- Wide bandwidth Ceramic Trap.
- Excellent spurious suppression characteristics.

(XT MJ) Trap Filter Quick Selection :

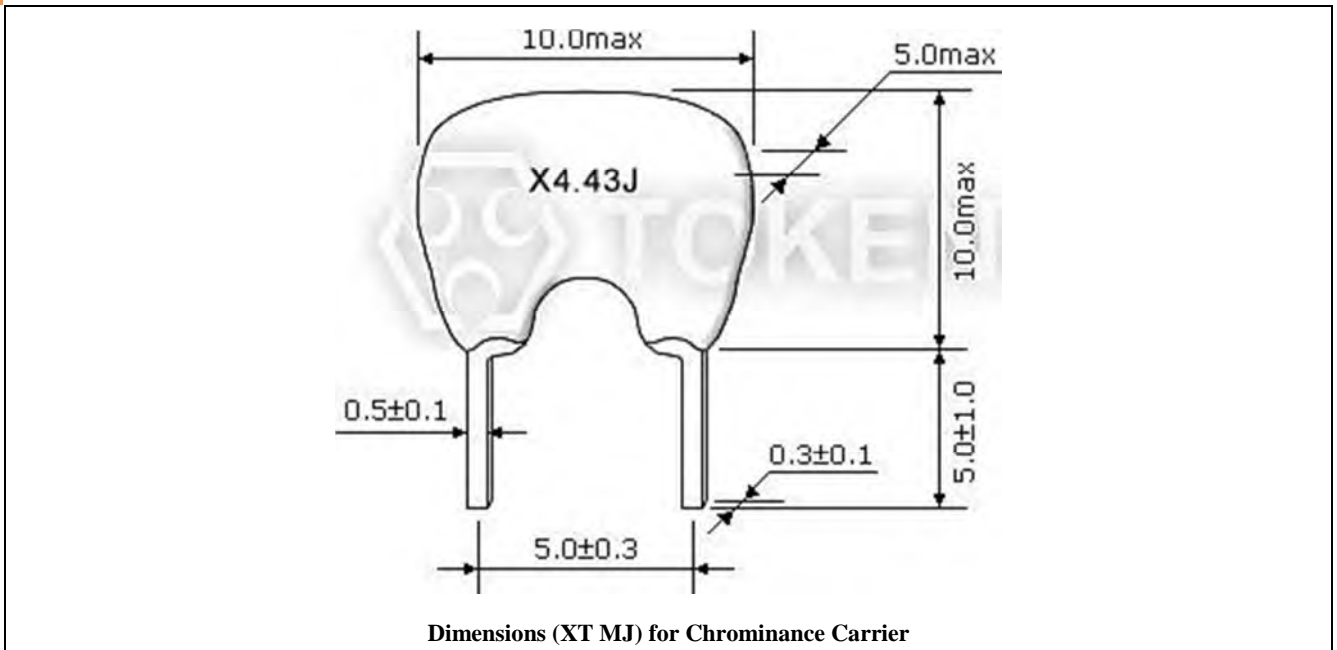
- Dimensions (Unit: mm): 10.0 Max. x 10.0 Max. x 5.0 Max..
- XT3.58MJ Cener Frequency f_0 :3.58MHz; 20db Min. @ f_0 ; 20(KHz)Min.@20dB Att BW
- XT4.43MJ Cener Frequency f_0 :4.43MHz; 20db Min. @ f_0 ; 40(KHz)Min.@20dB Att BW
- XT4.5MJ Cener Frequency f_0 :4.5MHz; 20db Min. @ f_0 ; 40(KHz)Min.@20dB Att BW
- XT5.74MJ Cener Frequency f_0 :5.74MHz; 20db Min. @ f_0 ; 40(KHz)Min.@20dB Att BW
- XT5.5MJ Cener Frequency f_0 :5.5MHz; 20db Min. @ f_0 ; 40(KHz)Min.@20dB Att BW
- XT6.0MJ Cener Frequency f_0 :6.0MHz; 20db Min. @ f_0 ; 40(KHz)Min.@20dB Att BW
- XT6.5MJ Cener Frequency f_0 :6.5MHz. 20db Min. @ f_0 ; 40(KHz)Min.@20dB Att BW

(XT MJ) Series are band reject device used for video and sound IF attenuation. The 2 terminal (XT MJ) Series can be used to attenuate either the sound signal in B/W receivers or the Chroma signal in video. Contact us with your specific needs. For more information, please link to Token official website "[Ceramic Trap Filters](#)".



▶ Dimensions

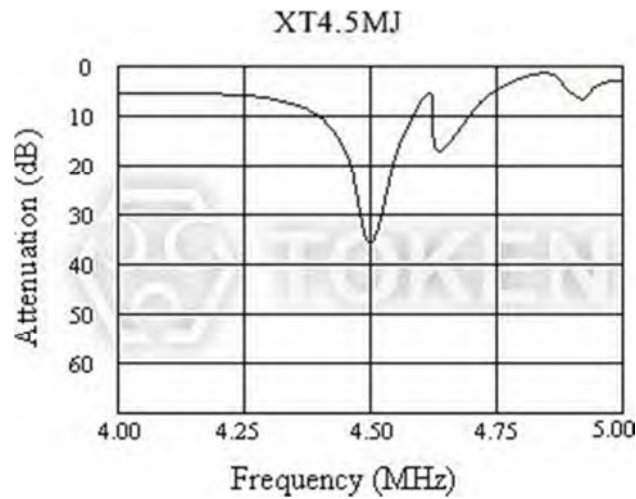
Dimensions (Unit: mm) (XT MJ)



Characteristics

Characteristics (XT MJ)

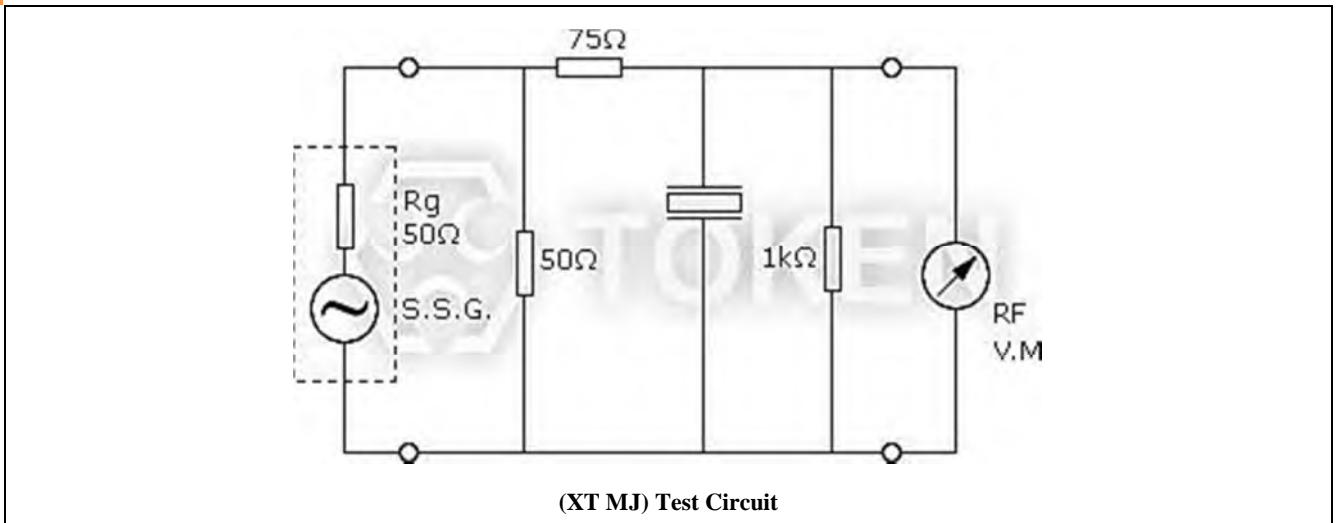
| Part Number | Center Frequency (fo1)(MHz) | Attenuation (at fo1)(dB)Min. | 20dB Attenuation BW (fo1)(KHz)Min. |
|-------------|-----------------------------|------------------------------|------------------------------------|
| XT3.58MJ | 3.580 | 20 | 20 |
| XT4.43MJ | 4.430 | 20 | 40 |
| XT4.5MJ | 4.500 | 20 | 40 |
| XT5.5MJ | 5.500 | 20 | 40 |
| XT5.74MJ | 5.742 | 20 | 40 |
| XT6.0MJ | 6.000 | 20 | 40 |
| XT6.5MJ | 6.500 | 20 | 40 |



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

▶ Test Circuit

Test Circuit (XT MJ)



▶ Order Codes

Order Codes (XT MJ)

| | |
|-------------|---------|
| XT3.58MJ | P |
| Part Number | Package |

▶ General Information

Advantage of Token Piezoelectric Trap Filters

Token Electronics had been able to develop specialized piezo materials which when combined with an advance design have resulted in a complete line of practical, inexpensive piezo devices for entertainment and communications applications.

Token reliably deliver high-quality components according to the each customer special needs with respect to performance, costs, and technology modifications.

For marketing discontinuations or sourcing activities concerning Piezoelectric "Trap" products, you are encouraged to contact our Sales Department so the request can be properly directed within Token.