Ceramic Filters for TV/VCR Stage

Ceramic Filters for TV/VCR Stage (Murata SFE MB Compatible) 4.5 MHz ~ 6.5 MHz



Preview

Token utilizes the latest piezo filter technology enabling the most cost-effective designs in manufacturing LT MB series. The ceramic filter is primarily designed for piezoelectric lines and conform to the RoHS directive and Lead-free. Ceramic filters for TV/VCR stage LT MB series can be customed designs and tighter tolerances available on request.

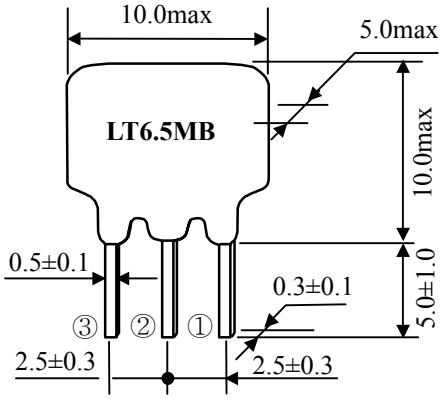
Application of ceramic filters specific designs also available including different piezo band-pass devices and Q specifications adjusted to frequency requirements. Token ceramic filters can supply you high performance, high quality and stability.

Token ceramic filters LT MB series are a high selectivity filter for 2 channel multi-sound TV. Features with frequency adjustment-free, high performance and durability, and high selectivity.

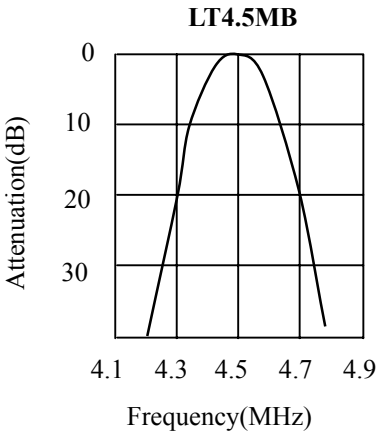
Benefit Features

- Excellent spurious suppression characteristics within video signal band.
- Available 4 pass bandwidth variation to meet various requests.
- Low profile (H = 10.0mm max.).

Dimensions

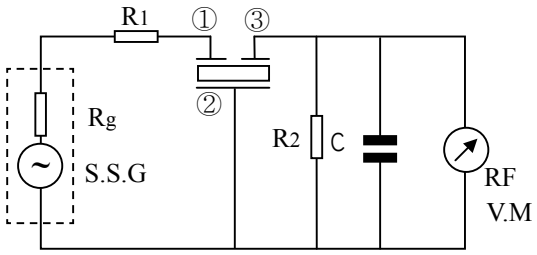


FM Receiver (Murata SFE10M7 FM-IF Compatible) Technical Characteristics



Part Number	Nominal Center Frquency (fo) (MHz)	3dB Band Width (kHz) min	20dB Band Width (kHz) max	Insert Loss (dB) max	Spurious Attenuation (dB) min	Input/Output Impedance (Ω)
LT4.5MB	4.500	fo±60	530	6.0	20($4.5^{+0.8}_{-1.0}$MHz)	1000
LT5.5MB	5.500	fo±75	550	6.0	25(5.5±1MHz)	600
LT6.0MB	6.000	fo±80	600	6.0	25(6.0±1MHz)	470
LT6.5MB	6.500	fo±80	630	6.0	25(6.5+1MHz) 30(6.5-1MHz)	470

Test Circuit



Rg+R1=R2=Input/Output Impedance C=10pF
Including stray capacitance and input capacitance of RF voltmeter

How to Order

LT5.5MB	P
❶	❷

❶ Part Number
❷ Package

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