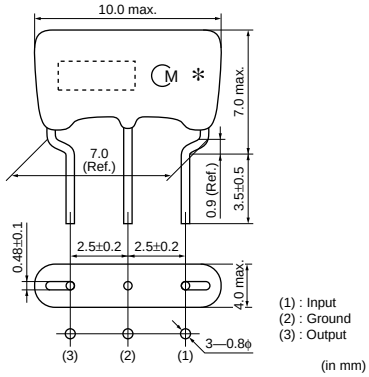
CERAFIL® 4.5-6.5MHz Standard Lead Type SFSRA Series

As part of the environment protection activity, solder for terminal plating and terminal-element connection inside of ceramic filter SFSRA series contains no lead (Pb).
This series also features thickness shear mode same as SFSRH series (current type), which provides very low spurious response within video signal band.



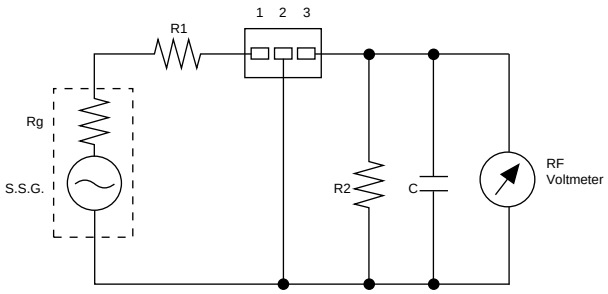
■ Features

1. Excellent spurious suppression characteristics within video signal band.
2. Available 4 pass bandwidth variation to meet various requests.
3. Low profile (H=7.0mm max.)
4. Lead dimension: Improved mounting reliability (cut & clinch) due to round terminal.

Part Number	Nominal Center Frequency (fn) (MHz)	3dB Bandwidth (kHz)	20dB Bandwidth (kHz)	Insertion Loss (dB)	Spurious Attenuation(1) (dB)	Spurious Attenuation(2) (dB)	Input/Output Impedance (ohm)
SFSRA4M50CF00-B0	4.500	fn±60 min.	600 max.	6.0 max.	30 min. [within 0 to fn]	20 min. [within fn to 7.0MHz]	1000
SFSRA4M50DF00-B0	4.500	fn±70 min.	750 max.	6.0 max.	30 min. [within 0 to fn]	20 min. [within fn to 7.0MHz]	1000
SFSRA4M50EF00-B0	4.500	fn±125 min.	850 max.	6.0 max.	25 min. [within 0 to fn]	18 min. [within fn to 7.0MHz]	1000
SFSRA5M50BF00-B0	5.500	fn±50 min.	400 max.	8.0 max.	30 min. [within 0 to fn]	20 min. [within fn to 7.5MHz]	600
SFSRA5M50CF00-B0	5.500	fn±60 min.	600 max.	6.0 max.	30 min. [within 0 to fn]	20 min. [within fn to7.5MHz]	600
SFSRA5M50DF00-B0	5.500	fn±80 min.	750 max.	6.0 max.	30 min. [within 0 to fn]	20 min. [within fn to 7.5MHz]	600
SFSRA5M74BF00-B0	5.742	fn±50 min.	400 max.	8.0 max.	30 min. [within 0 to fn]	20 min. [within fn to 7.5MHz]	600
SFSRA5M74CF00-B0	5.742	fn±60 min.	600 max.	6.0 max.	30 min. [within 0 to fn]	20 min. [within fn to 7.5MHz]	600
SFSRA6M00CF00-B0	6.000	fn±60 min.	600 max.	6.0 max.	30 min. [within 0 to fn]	20 min. [within fn to 8.0MHz]	470
SFSRA6M00DF00-B0	6.000	fn±80 min.	750 max.	6.0 max.	30 min. [within 0 to fn]	20 min. [within fn to 8.0MHz]	470
SFSRA6M50CF00-B0	6.500	fn±70 min.	650 max.	6.0 max.	30 min. [within 0 to fn]	20 min. [within fn to 8.5MHz]	470
SFSRA6M50DF00-B0	6.500	fn±80 min.	800 max.	6.0 max.	30 min. [within 0 to fn]	20 min. [within fn to 8.5MHz]	470

Insertion Loss: at minimum loss point
The order quantity should be an integral multiple of the "Minimum Quantity" shown in the package page.

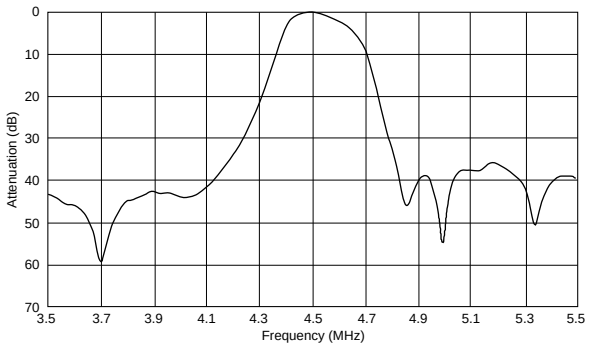
■ Test Circuit



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

■ Frequency Characteristics

SFSRA4M50CF00-B0



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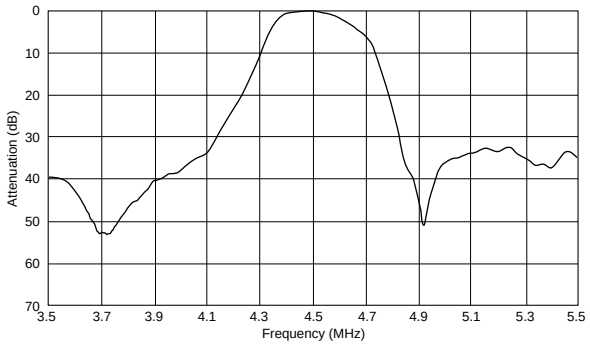

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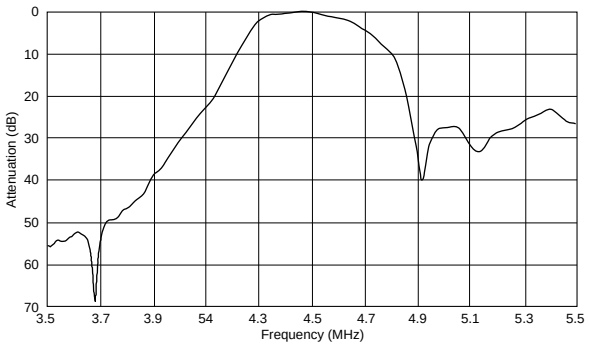

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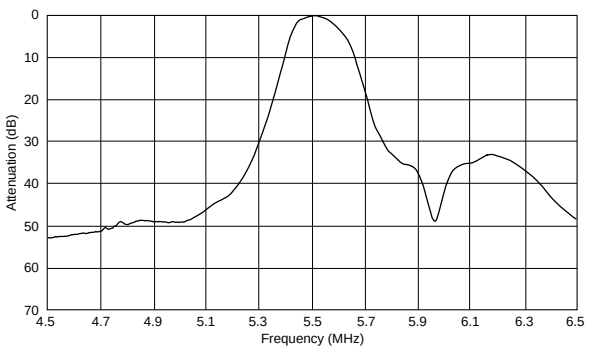

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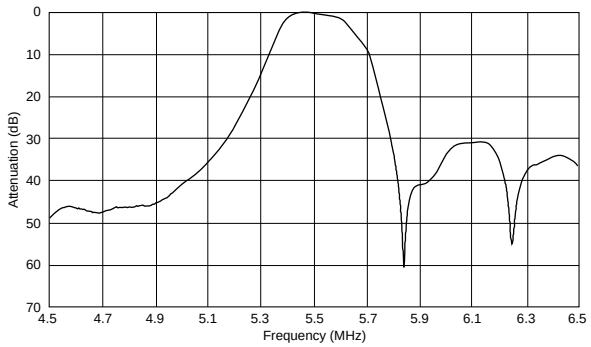

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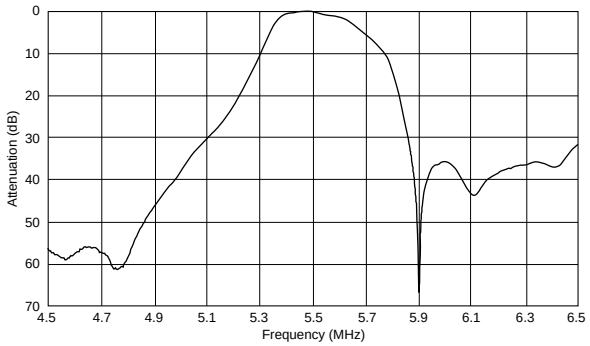

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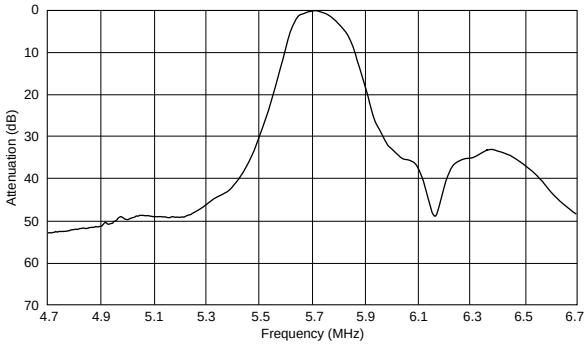
■ Frequency Characteristics

SFSRA5M74BF00-B0



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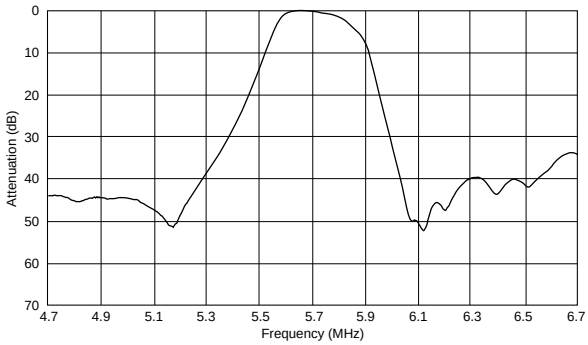

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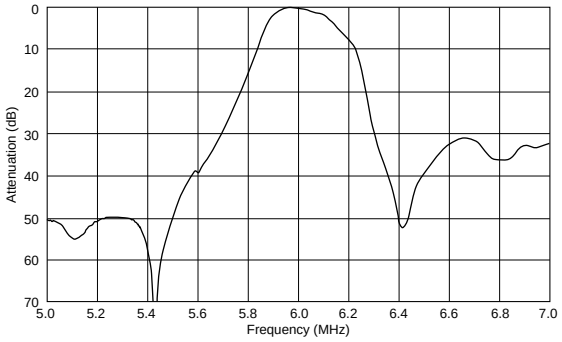

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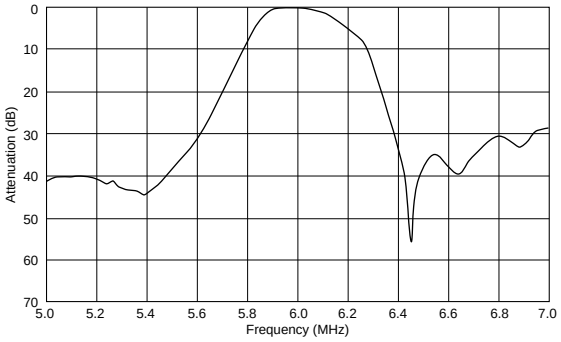

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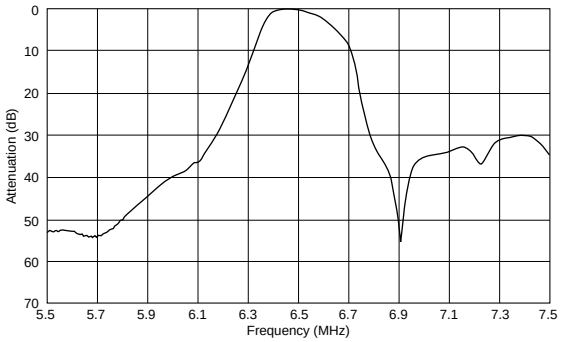

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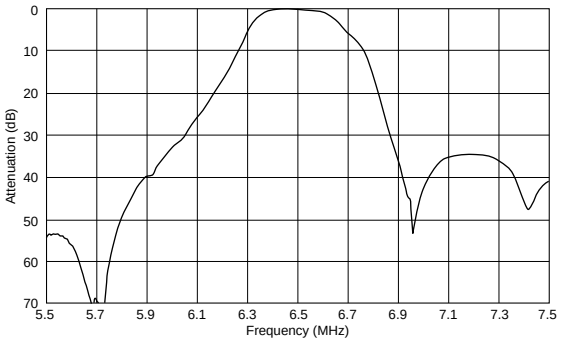

■ Frequency Characteristics (Spurious)

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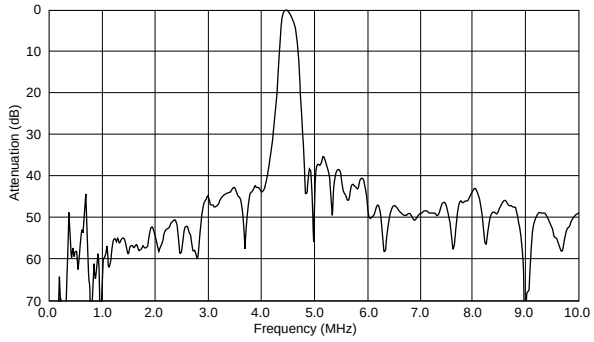

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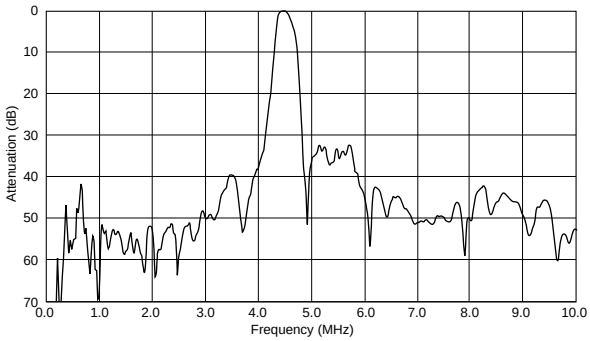

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■ Frequency Characteristics (Spurious)

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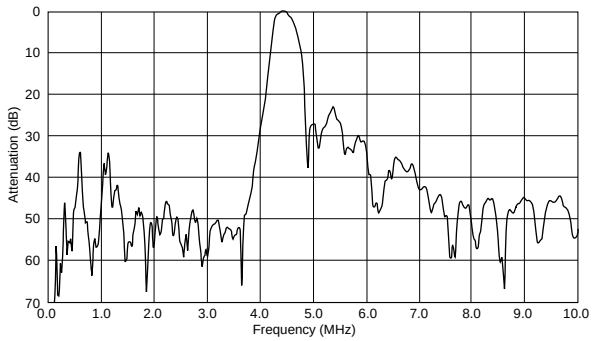

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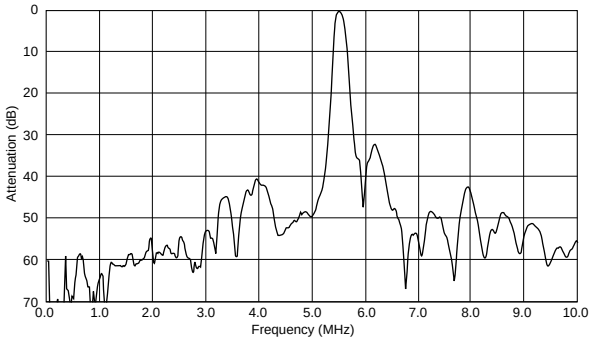

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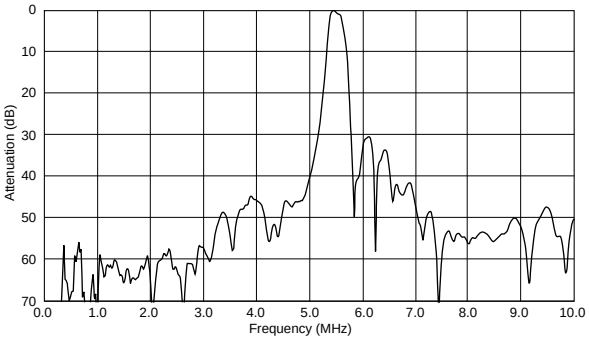

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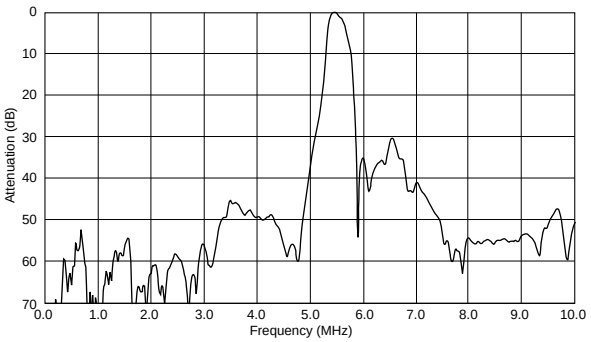

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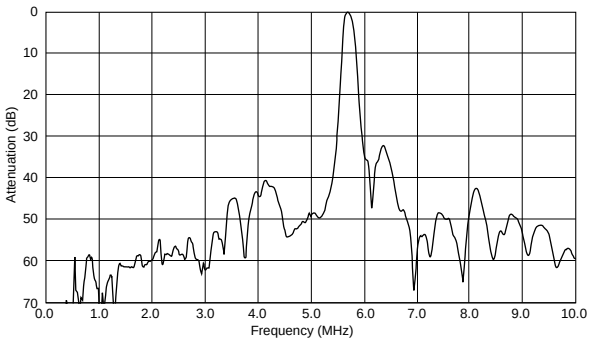

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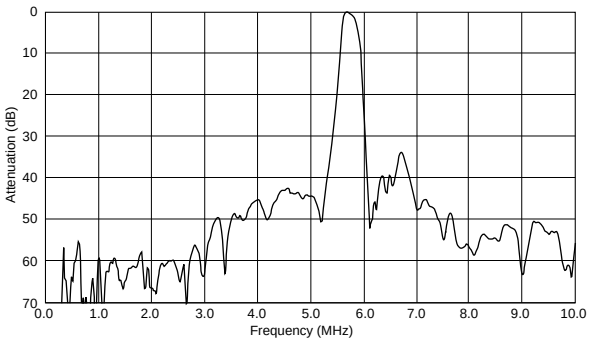

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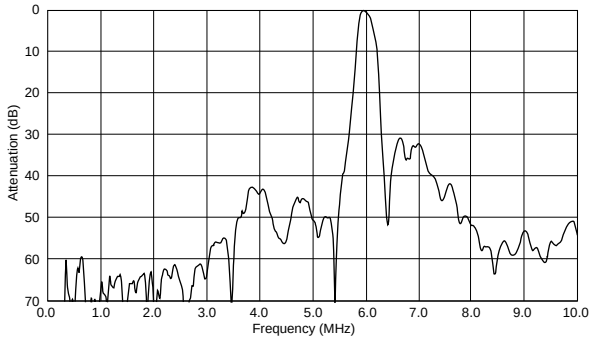

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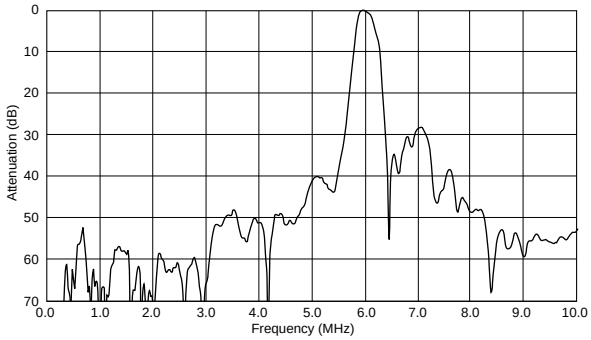

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■ Frequency Characteristics (Spurious)

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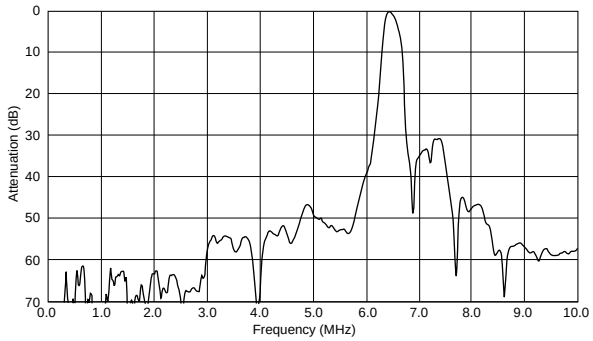

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