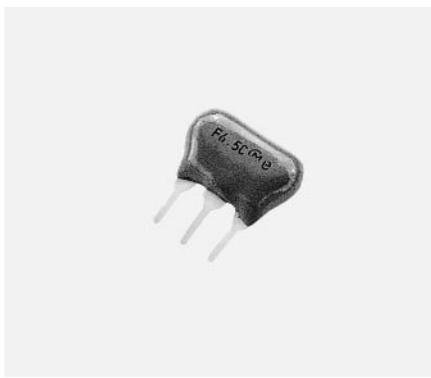


FILTERS

FOR TV/VCR APPLICATIONS HIGHLY ACCURATE SFSH 3.58–6.5MHz



The SFSH lines of ceramic filters are high quality devices designed to address the TV/VCR/CATV/DBS markets. The SFSH lines are utilized as IF filters in virtually every type of technology currently used in the television industry.

FEATURES

- Excellent spurious characteristics within video signal band.
- 3 types of bandwidths are prepared to respond to customer requests.
- SFSH4.5MEB2 is suitable for multiplex sound TV in America.

DIMENSIONS: mm

<p>① INPUT ② GROUND ③ OUTPUT</p> <p>⊖ : EIAJ Date Code</p>	<h4>CIRCUIT</h4> <p>$R_g + R_1 = R_2 = \text{Input/Output Impedance}$ $C = 10\text{pF}$ (including stray capacitance and input capacitance of RF Voltmeter)</p> <p>① INPUT ② GROUND ③ OUTPUT</p>	<h4>CHARACTERISTICS (TYP.)</h4>
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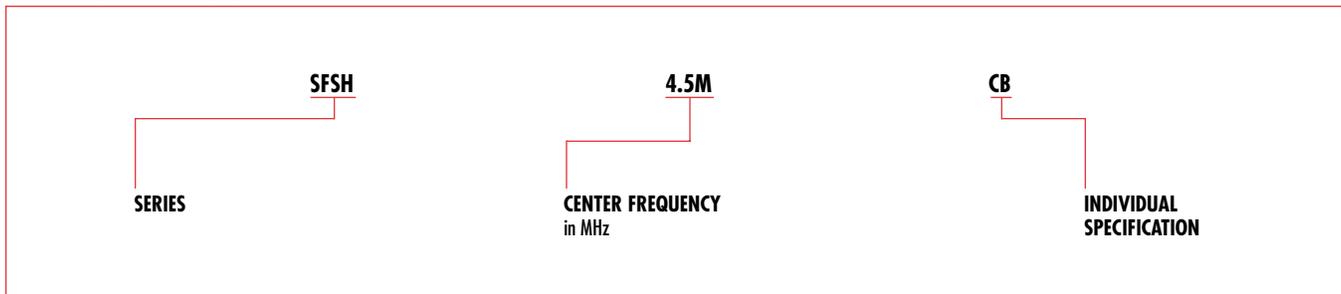
SPECIFICATIONS

SFSH 4.5 ~ 6.5MHz

Part Number	3dB Bandwidth (kHz) min.	20dB Bandwidth (kHz) max.	Insertion Loss (dB) max.	Spurious Response (dB) min.	Input/Output Impedance (Ω)
SFSH4.5MCB	±60 (±110)	600 (470)	6 (3.2)	30 (0 ~ 4.5MHz)	1k
SFSH5.5MCB	±60 (±115)	600 (500)	6 (3.6)	30 (0 ~ 5.5MHz)	600
SFSH6.0MCB	±60 (±115)	600 (500)	6 (4.0)	30 (0 ~ 6.0MHz)	470
SFSH6.5MCB	±70 (±115)	650 (530)	6 (3.6)	30 (0 ~ 6.5MHz)	470
SFSH4.5MDB	±70 (±130)	750 (520)	6 (3.0)	30 (0 ~ 4.5MHz)	1k
SFSH5.5MDB	±80 (±150)	750 (640)	6 (3.0)	30 (0 ~ 5.5MHz)	600
SFSH6.0MDB	±80 (±155)	750 (640)	6 (3.8)	30 (0 ~ 6.0MHz)	470
SFSH6.5MDB	±80 (±150)	800 (640)	6 (3.4)	30 (0 ~ 6.5MHz)	470
SFSH4.5MEB2	±125 (±180)	800 (740)	6 (3.0)	25 (0 ~ 4.5MHz)	1k

*3.58 and 4.43MHz for chroma and various other frequencies for VCR are also available.

PART NUMBERING SYSTEM



▲Applicable in North American market only. ▼Applicable in European market only.
For more detailed information regarding this product line in North America, see Catalog No. P-05-D. To receive additional information on Murata Products call 1-800-831-9172.
For more detailed information regarding this product line in Europe, see Catalog No. P25E-2.