



CERAMIC FILTER

*CERAFIL® is the Registered Trademark of Murata's Ceramic Filters.

muRata

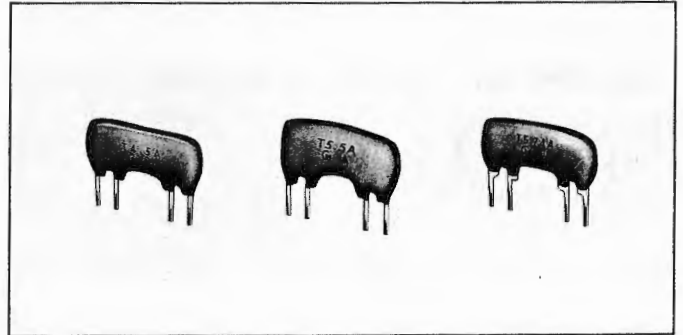
3-element Type Ceramic Filter SFT Series

High Selectivity Ceramic Filter suitable for 2 channel Multi-Sound TV Receiver.

Ceramic Filter SFT series are high selectivity filter which involves 3-element filter unit.

FEATURES

1. Excellent shape factor
2. Good performance for spurious suppression.
3. Suitable for 2 channel Multi-sound TV of Germany and Korea.

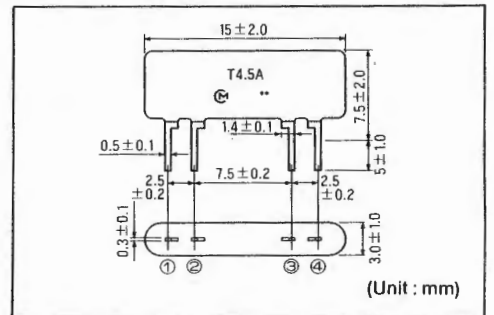


TEST CIRCUIT

Part Number	Input/output Matching Impedance (Ω)
SFT4.5MA	1K
SFT5.5MA	600
SFT5.74MA	600
SFT6.0MA	470
SFT6.5MA	470

$R_g + R_1 = R_2 = \text{Input/Output Impedance}$
 $C = 10\text{pF}$
 (Include stray capacitance)

DIMENSIONS



SPECIFICATIONS

Part Number	Nominal Center Frequency	3dB Band Width (KHz) min.	20dB Band Width (KHz) max.	Insertion Loss (dB) max.	Stop Band Attenuation (dB) min.
SFT4.5MA	4.5MHz	±40 (± 70)	370 (310)	10 (7.5)	40 (Within $4.5 \pm 0.7\text{MHz}$)
SFT5.5MA	5.5MHz	±50 (± 85)	350 (290)	9 (6.5)	50 (Within $5.5 \pm 1\text{MHz}$)
SFT5.74MA	5.74MHz	±50 (± 85)	350 (290)	9 (6.5)	50 (Within $5.74 \pm 1\text{MHz}$)
SFT6.0MA	6.0MHz	±50 (± 85)	400 (330)	9 (5)	50 (Within $6.0 \pm 1\text{MHz}$)
SFT6.5MA	6.5MHz	±50 (± 85)	400 (330)	9 (5)	50 (Within $6.5 \pm 1\text{MHz}$)

(): Typical Value

FREQUENCY CHARACTERISTICS

