

# CERAMIC FILTER

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

**muRata**

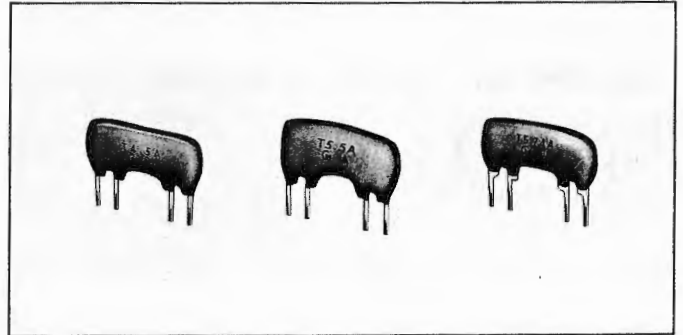
## 3-element Type Ceramic Filter SFT Series

### 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

(Unit : mm)

#### 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	$\pm 40 (\pm 70)$	370 (310)	10 (7.5)	40 (Within $4.5 \pm 0.7\text{MHz}$ )
SFT5.5MA	5.5MHz	$\pm 50 (\pm 85)$	350 (290)	9 (6.5)	50 (Within $5.5 \pm 1\text{MHz}$ )
SFT5.74MA	5.74MHz	$\pm 50 (\pm 85)$	350 (290)	9 (6.5)	50 (Within $5.74 \pm 1\text{MHz}$ )
SFT6.0MA	6.0MHz	$\pm 50 (\pm 85)$	400 (330)	9 (5)	50 (Within $6.0 \pm 1\text{MHz}$ )
SFT6.5MA	6.5MHz	$\pm 50 (\pm 85)$	400 (330)	9 (5)	50 (Within $6.5 \pm 1\text{MHz}$ )

( ): Typical Value

#### FREQUENCY CHARACTERISTICS

