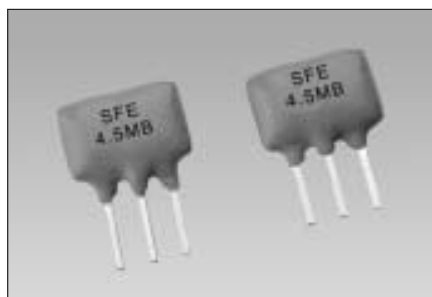




# CERAMIC FILTER FOR TV/VCR USE

## • LT-MB Series



The LT-MB series ceramic filter is the miniature profile filter for TV/VCR use.

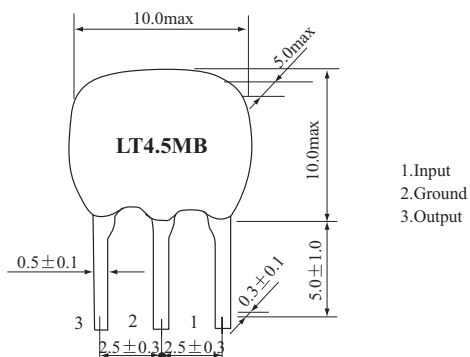
### FEATURES

- Low Cost
- TV/VCR Use
- Low Profile
- Excellent Temperature Stability
- High Durability

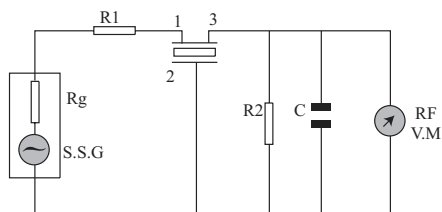
## Electrical Specifications

Part Number	Nominal Center Frequency	3dB Band Width (Khz) min	20dB Band Width (Khz) max	Insertion Loss (dB) max	Spurious Attenuation (db) min	Input/Output Impedance( $\Omega$ )
LT-MB series of ceramic filter for TV/VCR stage						
LT4.5MB	4.500	$f_n \pm 50$	530	6.0	20(4.5 $^{+0.8}_{-1.0}$ MHz)	1000
LT5.5MB	5.500	$f_n \pm 75$	550	6.0	25(5.5 $\pm$ 1MHz)	600
LT6.0MB	6.000	$f_n \pm 80$	600	6.0	25(6.0 $\pm$ 1MHz)	470
LT6.5MB	6.500	$f_n \pm 80$	630	6.0	25(6.5+1MHz) 30(6.5-1MHz)	470

## Mechanical Dimensions(mm)



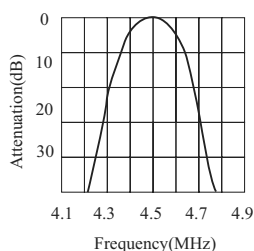
## Test Circuit For MOS IC



$R_g=R_1=R_2$ =Input and Output Impedance  
 $C=10\text{pF}$   
 Including stray capacitance and input capacitance of RF voltmeter

## Characteristics

LT4.5MB Frequency Characteristics



LT4.5MB Spurious Characteristics

