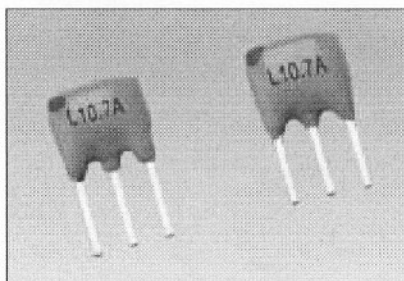


CERAMIC FILTER FOR FM USE

• LT10.7 Series



The LT10.7 series ceramic filter is the miniature high profile filter for FM use

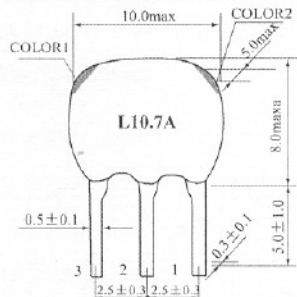
FEATURES

- Low Cost
- FM Use
- Low Profile
- Excellent temperature stability
- High durability

Electrical Specifications

Part Number	3dB Band Width(KHz)	20dB Band Width(KHz)	Max Insert Loss(dB)	Max Spurious Attenuation (9-12MHz)(dB)min
LT10.7M Series of ceramic filter for FM receiver				
LT10.7MA5	280±50	650	6	30
LT10.7MS2	230±50	600	6	40
LT10.7MS3	180±50	520	7	40
LT10.7MJ	150±50	400	10	38
LT10.7M A10 Series of Ceramic Filter (Low - Loss Type)				
LT10.7MA5A10	280±50	590	2.5±2.0	30
LT10.7MS2A10	230±50	520	3.0±2.0	35
LT10.7MS3A10	180±50	470	3.5±1.5	35
LT10.7MA10	150±50	360	4.5±2.0	35
Wide/Narrow Band-width Type LT10.7M Series of Ceramic Filter				
LT10.7MA19	350min	950	3.0±2.0	20
LT10.7MA20	330±50	680	4.0±2.0	30
LT10.7MHY	110±30	350	7.0±2.0	30
LT10.7MFP	20min	95	6.0max	24

Mechanical Dimensions(mm)

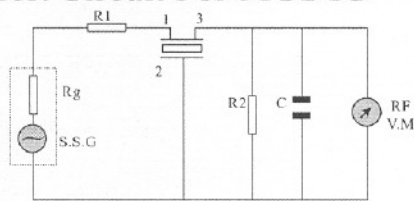


- 1 Input
2 Ground
3 Output
Color1:MA5,MS2,MJA10
Color2:MS3,MJ,MHY

Standard Rule

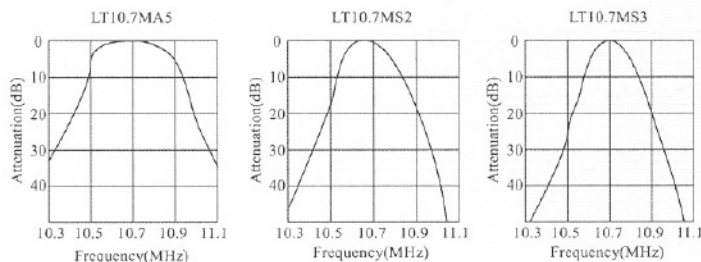
Center Frequency	Color
D:10.64MHz±30kHz	Black
B:10.67MHz±30kHz	Blue
A:10.70MHz±30kHz	Red
C:10.73MHz±30kHz	Orange
E:10.76MHz±30kHz	White

Test Circuit For MOS IC



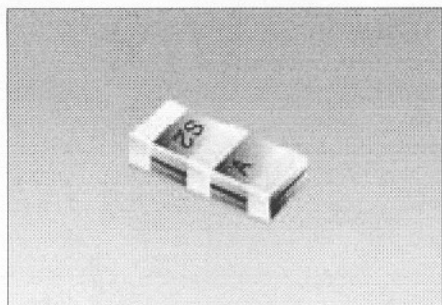
$R_g=R_1=R_2=330\ \Omega$ $C=10\text{pF}$
Including Stray Capacitance And Input Capacitance Of RF Voltmeter

Characteristics



CERAMIC FILTER FOR FM USE

• LTCA/CV 10.7 Series



The LTCA/CV10.7 series ceramic filter is the chip type ceramic filter for FM use

FEATURES

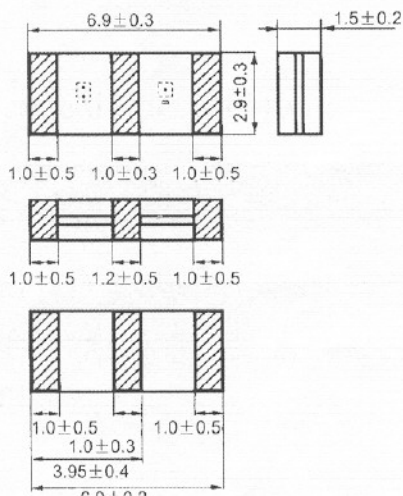
- Low Cost
- FM Use
- Chip Type
- Excellent temperature stability
- High durability

Electrical Specifications

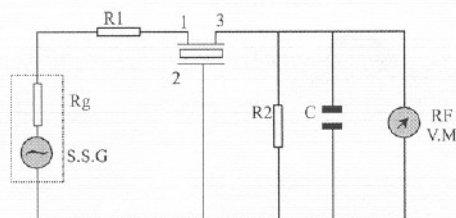
Part Number	3dB Band Width(KHz)	20dB Band Width (KHz)Max	Insert Loss(dB) Max	Spurious Attenuation (9-12MHz)(dB)min
LTCA10.7MA5	280 ± 50	650	6.0	30
LTCA10.7MS2	230 ± 50	600	6.0	30
LTCV10.7MA5	280 ± 50	590	3.0 ± 2.0	35
LTCV10.7MS2	230 ± 50	510	3.5 ± 2.0	35
LTCV10.7MS3	180 ± 40	470	4.0 ± 2.0	35

*Input/Output impedance:330Ω

Mechanical Dimensions(mm)



Test Circuit For MOS IC



$R_g=R_1=R_2=330\Omega$ $C=10\text{pF}$
Including Stray Capacitance And Input Capacitance Of RF Voltmeter