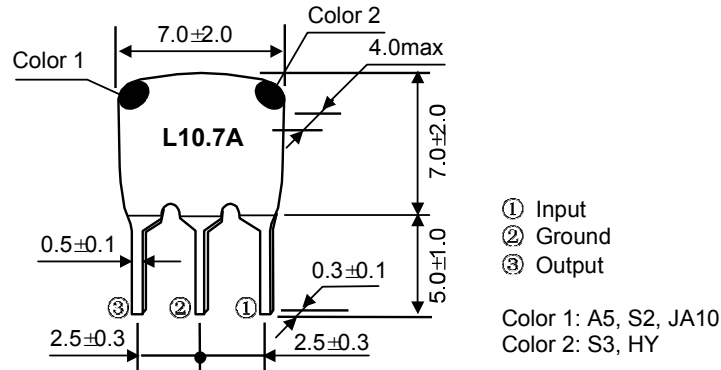




LT10.7 Series Of Ceramic Filter (10.7MHz)

(Compatible to Murata SFE 10.7 FM-IF)

Token's LT10.7 MHz series of ceramic filters are monolithic device, which utilize the energy- trapped thickness Vibration mode. This principle of operation is based upon the fact that an excellent resonating element Width low spurious vibration can be obtained by adhering to certain theoretical parameters of design. These parameters include the physical dimensions of the ceramic element, the electrode pattern, and the associated mass loading effect of the electrodes. In addition to employing the principle of energy-trapped thickness shear vibration-mode, Token also utilizes the theory of the multi-coupling mode. In short, this theory utilizes divided electrodes to "trap" different frequencies simultaneously.



LT10.7M SERIES FOR FM TECHNICAL CHARACTERISTICS

Part Number	3dB Band Width (kHz)	20dB Band Width (kHz) max	Insertion Loss (dB) max	Spurious Attenuation (9-12MHz) (dB) min
LT10.7MA5	280±50	650	6	30
LT10.7MS2	230±50	600	6	40
LT10.7MS3	180±40	520	7	40

* Input/Output Impedance: 330 Ω

LT10.7M A10 SERIES LOW - LOSS TYPE TECHNICAL CHARACTERISTICS

Part Number	3dB Band Width (kHz)	20dB Band Width (kHz) max	Insertion Loss (dB)	Spurious Attenuation (9-12MHz) (dB) min
LT10.7MA5A10	280±50	590	2.5±2.0	30
LT10.7MS2A10	230±50	520	3.0±2.0	35
LT10.7MS3A10	180±40	470	3.5±1.5	35
LT10.7MJA10	150±40	360	4.5±2.0	35

* Input/Output Impedance: 330 Ω

WIDE/NARROW BAND-WIDTH TYPE LT10.7M SERIES TECHNICAL CHARACTERISTICS

Part Number	3dB Band Width (kHz)	20dB Band Width (kHz) max	Insertion Loss (dB)	Spurious Attenuation (9-12MHz) (dB) min
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(10.7±1.0MHz)

* Input/Output Impedance: 470 Ω (MA19), 330 Ω (MA20, MHY), 600 Ω (MFP)