

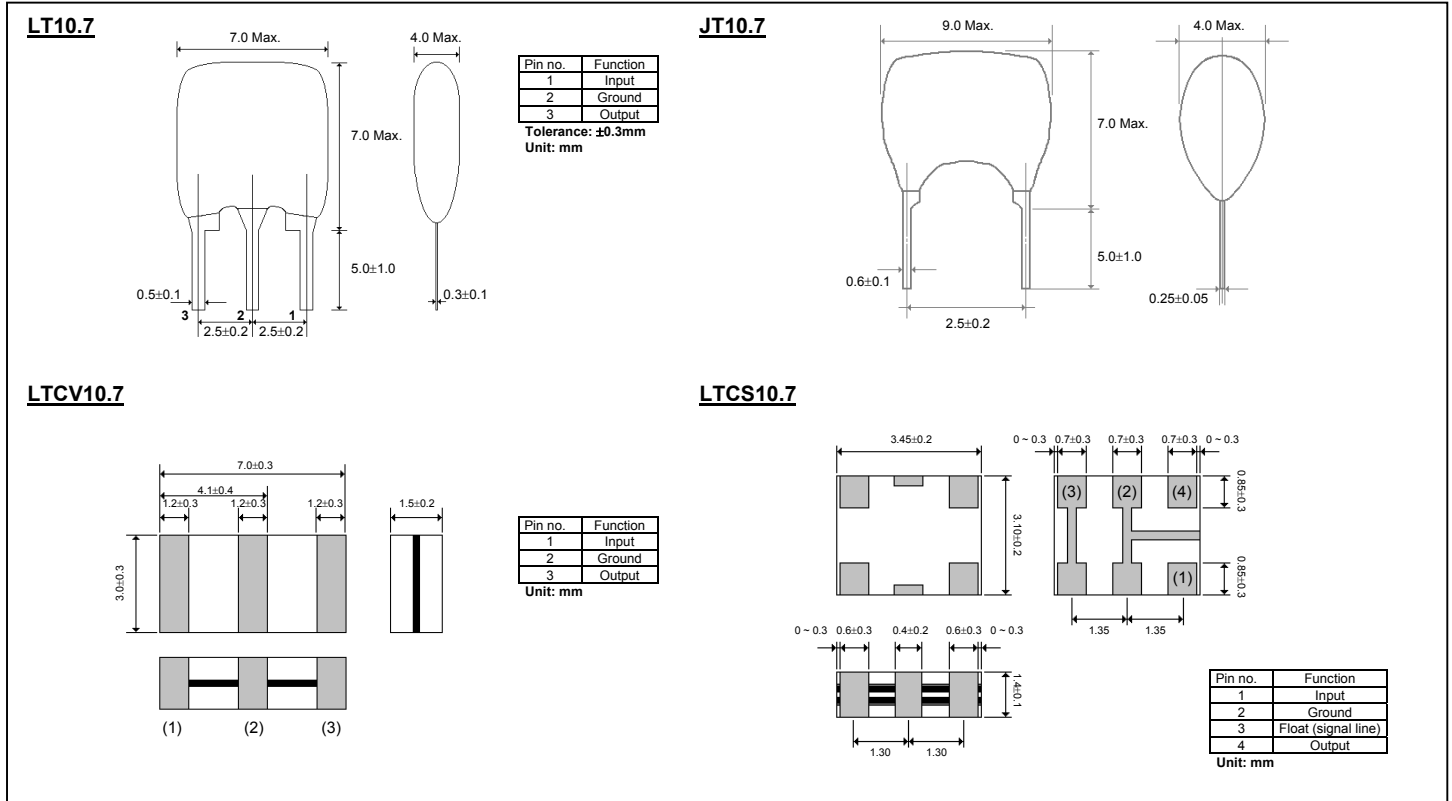


## Ceramic Filter and Discriminator (FM Applications)

RoHS Compliant  
Directive 2002/95/EC

REACH Compliant  
(15 SVHCs)  
Regulation (EC)  
No. 1907/2006

### • Dimension



### • Electrical Specifications of LT10.7

Part Number	Center Frequency (MHz)	3dB Bandwidth (KHz Min.)	20dB Bandwidth (KHz Max.)	Insertion Loss (dB Max.)	Response [9KHz~12KHz] (dB Min.)
LT10.7MA5	10.70 $\pm$ 0.03	280.0 $\pm$ 50.0	650.0	6.0	30.0
LT10.7MS2	10.70 $\pm$ 0.03	230.0 $\pm$ 50.0	600.0	6.0	40.0
LT10.7MS3	10.70 $\pm$ 0.03	180.0 $\pm$ 40.0	520.0	7.0	40.0
LT10.7MA5A10	10.70 $\pm$ 0.03	280.0 $\pm$ 50.0	590.0	2.5 $\pm$ 2.0	30.0
LT10.7MS2A10	10.70 $\pm$ 0.03	230.0 $\pm$ 50.0	520.0	3.0 $\pm$ 2.0	35.0
LT10.7MS3A10	10.70 $\pm$ 0.03	180.0 $\pm$ 40.0	470.0	3.5 $\pm$ 1.5	35.0
LT10.7MJA10	10.70 $\pm$ 0.03	150.0 $\pm$ 40.0	360.0	4.5 $\pm$ 2.0	35.0
LT10.7MA21	10.70 $\pm$ 0.03	400 Min.	950.0	3.0 $\pm$ 2.0	20.0
LT10.7MA19	10.70 $\pm$ 0.03	fn $\pm$ 175.0 Mn.	950.0	3.0 $\pm$ 2.0	20.0
LT10.7MA20	10.70 $\pm$ 0.03	330.0 $\pm$ 50.0	680.0	4.0 $\pm$ 2.0	30.0
LT10.7MHY	10.70 $\pm$ 0.03	110.0 $\pm$ 30.0	350.0	5.5 $\pm$ 2.0	30.0
LT10.7MFP	10.70 $\pm$ 0.03	20 Min.	95	6.0	24.0 (9.7 ~ 11.7MHz)
Specification	10.64 $\pm$ 0.03MHz	10.67 $\pm$ 0.03MHz	10.70 $\pm$ 0.03MHz	10.73 $\pm$ 0.03MHz	10.76 $\pm$ 0.03MHz
Color dot	D Black	B Blue	A Red	C Orange	E White

<sup>1</sup> For other frequencies or specifications, please consult with our sales representatives for details.

<sup>2</sup> Input/output impedance: 330 $\Omega$



### ● Electrical Specifications of LTCV10.7 / LTCS10.7

Part Number	Center Frequency (MHz)	3dB Bandwidth (KHz Min.)	20dB Bandwidth (KHz Max.)	Insertion Loss (dB Max.)	Response [9KHz~12KHz] (dB Min.)
LTCV10.7MHY	10.70±0.03	110.0±30.0	320.0	6.0±2.0	35.0
LTCV10.7MJ	10.70±0.03	150.0±40.0	380.0	5.5±2.0	35.0
LTCV10.7MS3	10.70±0.03	180.0±40.0	470.0	4.0±2.0	35.0
LTCV10.7MS2	10.70±0.03	230.0±50.0	510.0	3.5±2.0	35.0
LTCV10.7MA5	10.70±0.03	280.0±50.0	590.0	3.0±2.0	35.0
LTCV10.7MA20	10.70±0.03	330.0±50.0	700.0	3.0±2.0	30.0
LTCV10.7MA19	10.70±0.03	fn±175.0 Min.	950	3.0±2.0	20.0 (5 ~ 15MHz)
LTCS10.7MS3	10.70±0.03	180.0±40.0	470.0	4.5±2.0	40.0
LTCS10.7MS2	10.70±0.03	230.0±50.0	510.0	3.5±2.0	40.0
LTCS10.7MA5	10.70±0.03	280.0±50.0	590.0	3.0±2.0	30.0
LTCS10.7MA20	10.70±0.03	330.0±50.0	700.0	3.0±2.0	30.0
Specification	10.64±0.03MHz	10.67±0.03MHz	10.70±0.03MHz	10.73±0.03MHz	10.76±0.03MHz
Color dot	D Black	B Blue	A Red	C Orange	E White

<sup>1</sup> For other frequencies or specifications, please consult with our sales representatives for details.

<sup>2</sup> Input/output impedance: 330Ω

### ● Electrical Specifications of JT10.7

Part Number	Center Frequency (MHz)	Recovered Audio 3dB BW (KHz Min.)	Recovered Audio Output (mV Min.)	Distortion (% Max.)	IC	Detection Method
JT10.70MC1	10.70±0.03	242.0	35.0	-	CX20091 CXA1019M	Quadrature
JT10.70MG1	10.70±0.03	-	-	1.0	CX20092	Quadrature
JT10.70MG16	10.70±0.03	300.0	Min. 60~ Max. 90	0.9	TA8122AN	Quadrature
JT10.70MG31	10.70±0.03	300.0	50.0	1.0	TA2003	Quadrature
JT10.70MG33	10.70±0.03	250.0	45.0	0.7	TA2007	Quadrature
JT10.70MG77	10.70±0.03	220.0	60.0	1.0	TA2111AN	Quadrature
JT10.70MG80	10.70±0.03	700.0	65.0	1.0	TA2104AFN	Quadrature
JT10.70MG82	10.70±0.03	320.0	90.0	0.8	TA2099N	Quadrature
JT10.70MG92	10.70±0.03	300.0	60.0	1.0	TA2132P	Quadrature
Specification	10.64±0.03MHz	10.67±0.03MHz	10.70±0.03MHz	10.73±0.03MHz	10.76±0.03MHz	
Color dot	D Black	B Blue	A Red	C Orange	E White	

- Other frequencies and specifications are also available upon request, please consult with our sales representatives.