

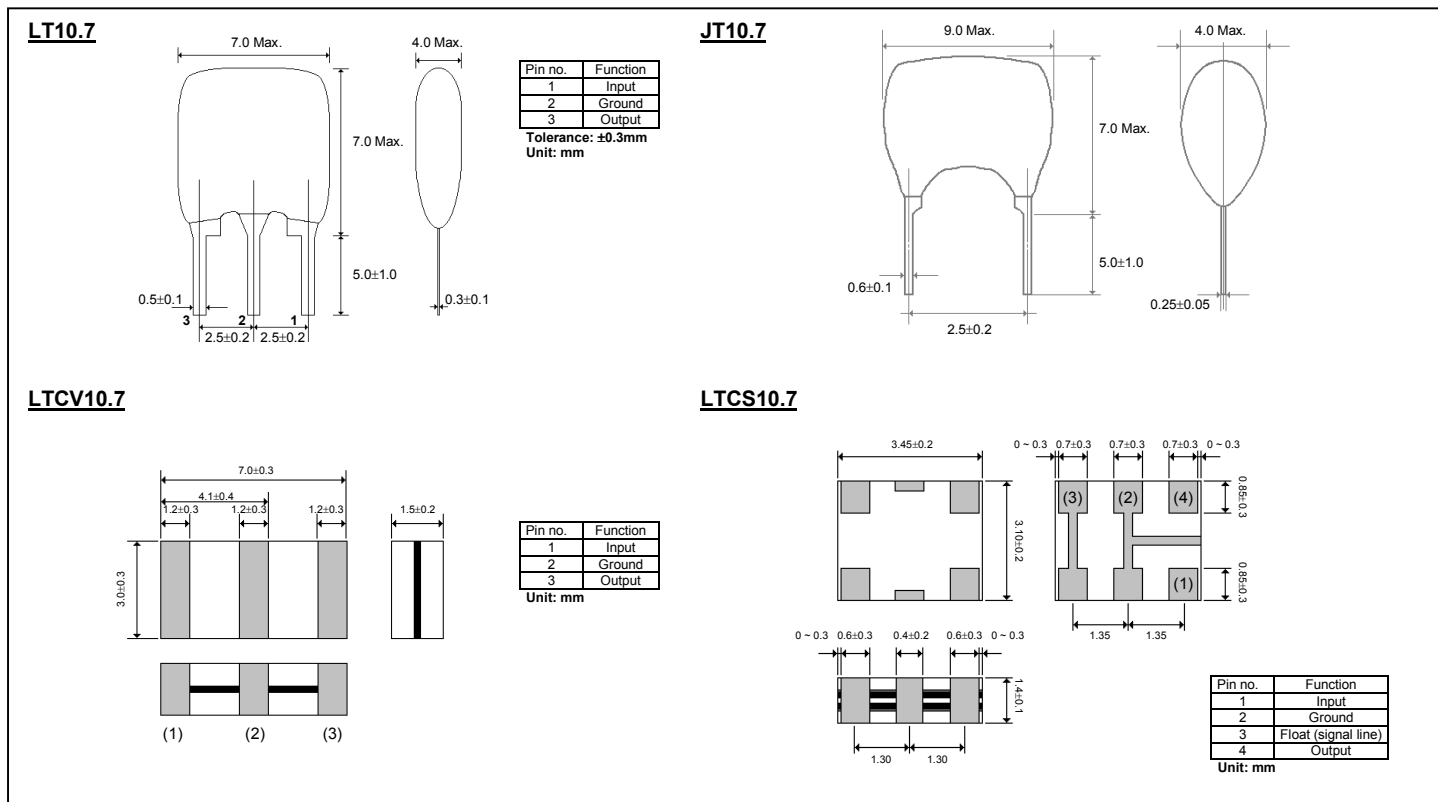


Ceramic Filter and Discriminator (FM Applications)

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

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

² Input/output impedance: 330 Ω



● 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

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

² 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.