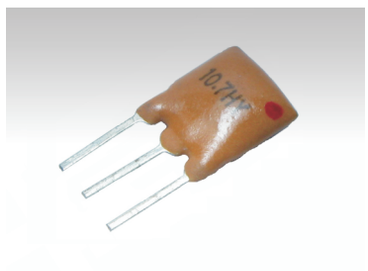
Filter THT, Ceramic

RoHS 2002/95/EC



LT

LT/A10

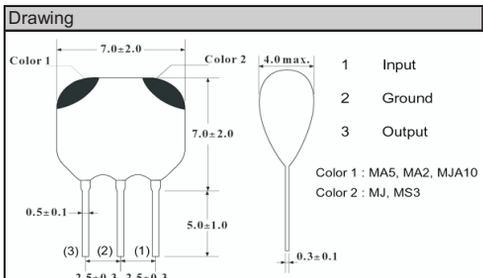
Features:

- Series LT or LT A10
- Consumer electronics
- Individual specification: A5, S2, S3 or J

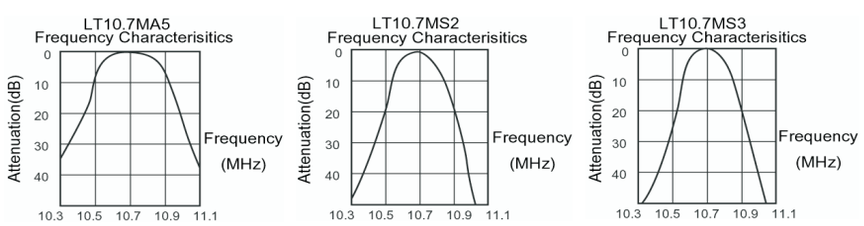
Specifications				
Part	*LT*			
	A5-	**S2-**	**S3-**	**J-**
3db band width (kHz)	280 ±50	230 ±50	180 ±40	150 ±40
20db band width (kHz) max	650	600	520	400
Insertion loss (dB) max	6	6	7	10
Spurious attenuation (9 ~ 12MHz) (dB) min	30	40	40	38
Input/output impedance (Ohm)	330	330	330	330

Specifications				
Part	*LT/A10*			
	A10-A5	**A10-S2**	**A10-S3**	**A10-J**
3db band width (kHz)	280 ±50	230 ±50	180 ±40	150 ±40
20db band width (kHz) max	590	520	470	360
Insertion loss (dB) max	2.5 ±2.0	3.0 ±2.0	3.5 ±1.5	4.5 ±2.0
Spurious attenuation (9 ~ 12MHz) (dB) min	30	35	35	35
Input/output impedance (Ohm)	330	330	330	330

Drawing

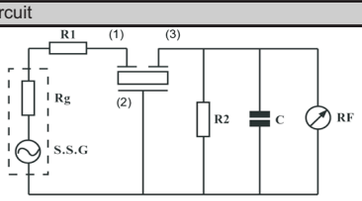


Characteristics



Dimensions in mm

Test circuit



Rg+R1=R2= Input / Output Impedance
C = 10pF
(Including Stray capacitance and input Capacitance of RF voltmeter)

Color code

Center Frequency	Code	Color
10.700MHz±30KHz	A	Red
10.670MHz±30KHz	B	Blue
10.730MHz±30KHz	C	Orange
10.640MHz±30KHz	D	Black
10.760MHz±30KHz	E	White

Order key

F	**- LT**	**- A5**	**- 10.700 M**	**-**
Part	**Package**	**Individual specification**	**Center frequency** **M = MHz. K = KHz**	**Option**
F= Ceramic filter	LT	A5	10.700 MHz (= A = Red)	blank = standard
	LT/A10	S2	10.670 MHz (= B = Blue)	
		S3	10.730 MHz (= C = Orange)	
		J	10.640 MHz (= D = Black)	
			10.760 MHz (= E = White)	
			450 ~ XXX ~ 470 KHz	X=Special options