

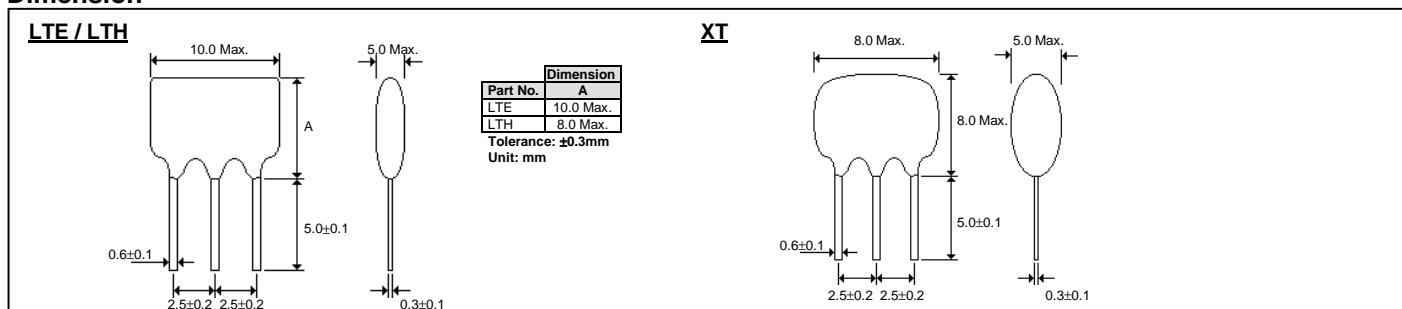


## Ceramic Filter and Traps (TV Applications)

Product Name	Part Number	Package Type	Minimum Quantity* (Pieces)	
			Bulk	Tape
Ceramic Filter (TV)	LTE	Lead Type	500	1,500
Low-Profile Ceramic Filter (TV)	LTH	Lead Type	500	1,500
Ceramic Traps (TV)	XT	Lead Type	500	1,500

\* The quantity of each delivery / order must be an integral multiple of the "Minimum Quantity"

### Dimension



### Electrical Specifications of LTE / LTH

Item	Part No.	Unit	LTE4.5MB	LTE5.5MB	LTE6.0MB	LTE6.5MB	LTH4.5MCB	LTH4.5MDB	LTH5.5MCB	LTH6.0MCB	LTH6.5MCB
Nominal Center Frequency (f <sub>n</sub> )	MHz		4.500	5.500	6.000	6.500	4.500	4.500	5.500	6.000	6.500
3dB Bandwidth (from f <sub>n</sub> )	KHz		±60 (±105)	±75 (±120)	±80 (±130)	±80 (±130)	±60 Min.	±70 Min.	±60 Min.	±60 Min.	±70 Min.
20dB Bandwidth	KHz		530 (420)	550 (470)	600 (500)	630 (530)	600 Max.	750 Max.	600 Max.	600 max	650 Max.
Insertion Loss (at Min. Loss Point)	dB		6 (4)	6 (3)	6 (2.5)	6 (2.5)	6.0 Max.	6.0 Max.	6.0 Max.	6.0 Max.	6.0 Max.
Spurious Response	dB		20 Min.	25 Min.	25 Min.	25 Min.	0 ~ 4.5MHz 30 Min.	0 ~ 4.5MHz 30 Min.	0 ~ 5.5MHz 30 Min.	0 ~ 6.0MHz 30 Min.	0 ~ 6.5MHz 30 Min.
			[4.5 <sup>+0.8</sup> -1.0 MHz]	[5.5±1.0MHz]	[6.0±1.0MHz]	[6.0±1.0MHz]	4.5 ~ 7.0MHz 15 Min.	4.5 ~ 5.7MHz 15 Min.	5.5 ~ 7.0MHz 15 Min.	6.0 ~ 7.5MHz 15 Min.	6.5 ~ 8.5MHz 15 Min.
							7.0 ~ 10.0MHz 30 Min.	5.7 ~ 10.0MHz 30 Min.	7.0 ~ 10.0MHz 30 Min.	7.5 ~ 10.0MHz 30 Min.	8.5 ~ 10.0MHz 30 Min.
Withstanding Voltage	V		DC 50V 1 Minute								
Insulation Resistance	MΩ		100MΩ Min. [DC 100V]								
Operating Temperature	°C		-20°C ~ +80°C								
Input / Output Impedance	Ω		1000	600	470	470	1000	1000	600	470	470

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

### Electrical Specifications of XT

Part Number	Trap Attenuation (at Nominal Center Frequency) (dB) Min.	30dB Bandwidth (KHz) Min.
XT4.5MB	35 (45)	50 (80)
XT5.5MB		
XT6.0MB		70 (120)
XT6.5MB		
XT4.5MCB	30	40
XT5.5MCB		
XT6.0MCB		
XT6.5MCB		

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