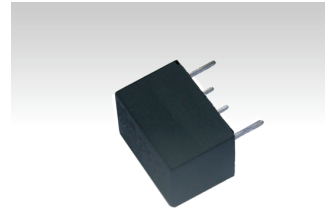


# Filter THT, Ceramic



## LTM 450/455 W series

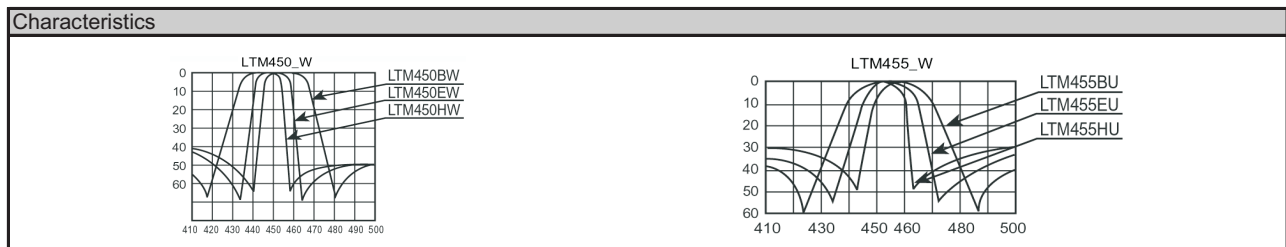
Features:

- For communication
- 6 elements
- 450/455 KHz

Specifications										
LTM 450										
Part number	AW	BW	CW	DW	EW	FW	GW	HW	IW	HTW
Center frequency (kHz)	450±2.0	450±2.0	450±2.0	450±1.5	450±1.5	450±1.5	450±1.5	450±1.0	450±1.0	450±1.0
Insertion loss (dB) max	4	4	4	6	6	6	6	6	6	6
Pass band ripple (dB) max	2	2	2	2	2	2	2	2	2	2
6dB bandwidth (kHz) min	±17.5	±15	±12.5	±10	±7.5	±6	±4.5	±3	±2	±3
40dB bandwidth (kHz) max	±40	±30	±24	±20	±15	±12.5	±10	±9	±7.5	±9
Spurious Attenuation LTM450W f <sub>0</sub> ±100kHz (dB) min	40	40	40	40	40	40	40	40	40	60
Input/output impedance (Ohm)	1000	1500	1500	1500	1500	2000	2000	2000	2000	2000

Specifications										
LTM 455										
Part number	AW	BW	CW	DW	EW	FW	GW	HW	IW	HTW
Center frequency (kHz)	455±2.0	455±2.0	455±2.0	455±1.5	455±1.5	455±1.5	455±1.5	455±1.0	455±1.0	455±1.0
Insertion loss (dB) max	4	4	4	6	6	6	6	6	6	6
Pass band ripple (dB) max	2	2	2	2	2	2	2	2	2	2
6dB bandwidth (kHz) min	±17.5	±15	±12.5	±10	±7.5	±6	±4.5	±3	±2	±3
40dB bandwidth (kHz) max	±40	±30	±24	±20	±15	±12.5	±10	±9	±7.5	±9
Spurious Attenuation LTM455W f <sub>0</sub> ±100kHz (dB) min	40	40	40	40	40	40	40	40	40	60
Input/output impedance (Ohm)	1000	1500	1500	1500	1500	2000	2000	2000	2000	2000

Drawing	Test circuit
<p><b>LTM 450/455 W</b></p> <p>1 Input 3,4,5 Ground 2 Output</p>	<p>Rg+R1=R2= Input/Output Impedance</p> <p>Dimensions in mm</p>



Order key				
Part	Package	Individual specification	Option	
F = Ceramic filter	LTM 450	AW	FW	blank = standard
	LTM 455	BW	GW	
		CW	HW	
		DW	IW	
		EW	HTW	X=Special options