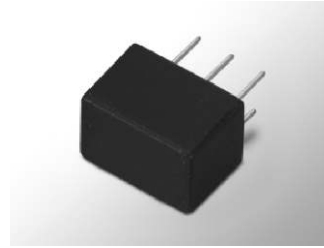


# Filter THT

## LTM 450/455 W series



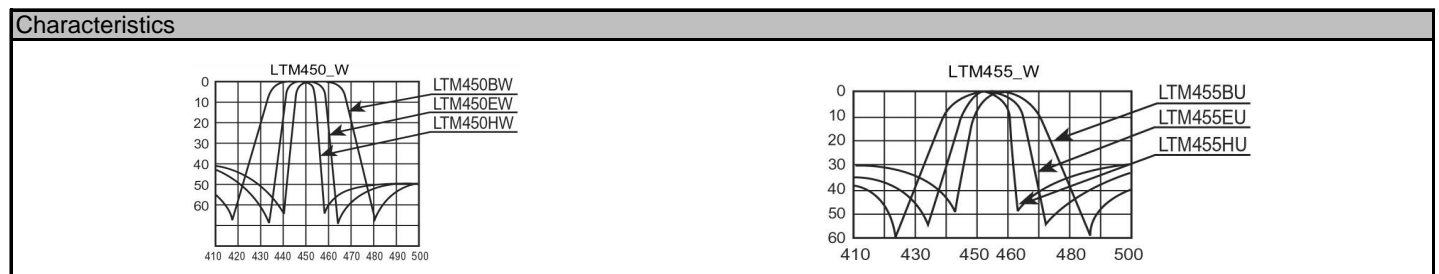
### Features:

- For communication
- 6 elements
- 450/455 KHz

Specifications										
<i>LTM 450</i>										
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	4	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	±35	±30	±24	±20	±15	±12.5	±10	±9	±7.5	±9
Stop band att. ±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										
<i>LTM 455</i>										
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	4	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	±35	±30	±24	±20	±15	±12.5	±10	±9	±7.5	±9
Stop band att. ±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 style="text-align: center;"><b>LTM 450/455 W</b></p> <p>Dimensions in mm</p> <p>1 Input 2 Output 3,4,5 Ground</p>	<p style="text-align: center;"><math>R_g + R_1 = R_2 = \text{Input/Output Impedance}</math></p>



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

Remarks: All specifications subject to change without notice!