

Filter THT

LTM 450/455 W series

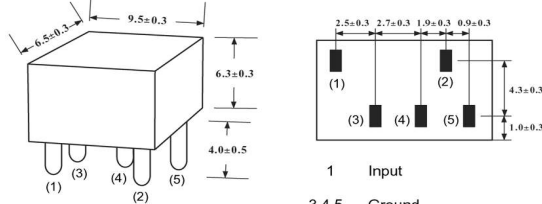
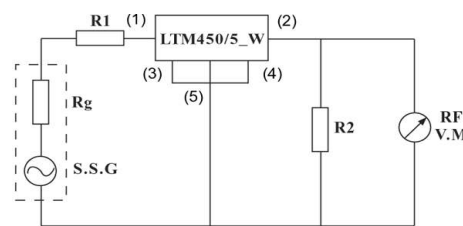
Features:

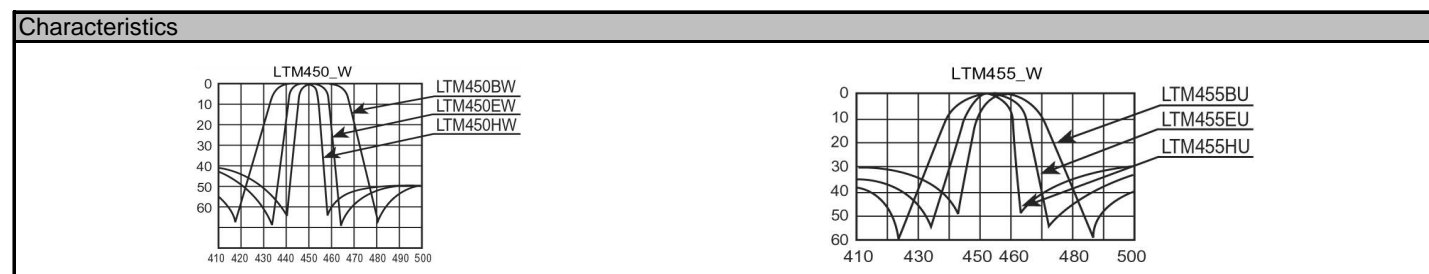
- For communication
- 6 elements
- 450/455 KHz



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	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										
	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	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>LTM 450/455 W</p>  <p>Dimensions in mm</p> <p>1 Input 3,4,5 Ground 2 Output</p>	 <p>$R_g + R_1 = R_2 = \text{Input/Output Impedance}$</p>



Order key				
F	- LTM 450	- AW	-	
Part	Package	Individual specification		Option
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!