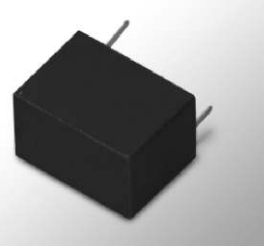


# Filter THT

## LT 450/455 W series



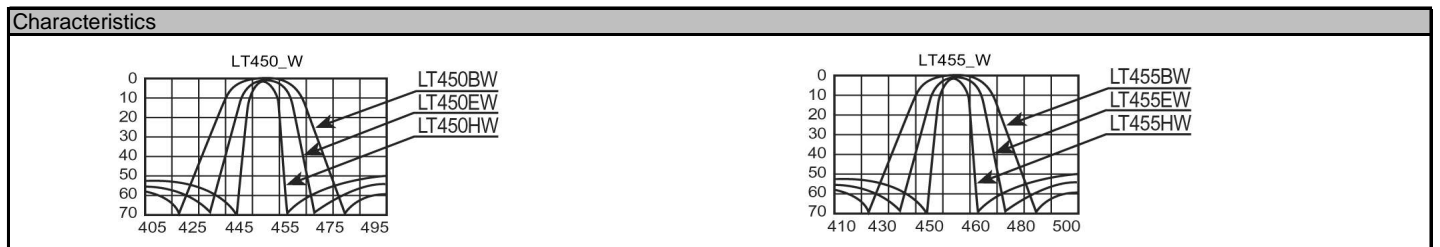
### Features:

- For communication
- 6 elements
- 450/455 KHz

Specifications										
Part number	LT450AW	LT450BW	LT450CW	LT450DW	LT450EW	LT450FW	LT450GW	LT450HW	LT450IW	LT450HTW
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										
Part number	LT455AW	LT455BW	LT455CW	LT455DW	LT455EW	LT455FW	LT455GW	LT455HW	LT455IW	LT455HTW
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>LT 450/455 W</p> <p>Dimensions in mm</p>	<p><math>R_g + R_1 = R_2 = \text{Input/Output Impedance}</math></p>



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

Remarks: All specifications subject to change without notice!