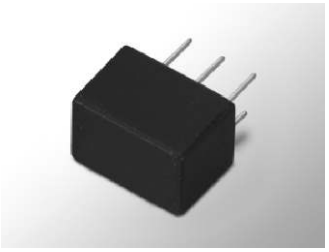
LTM 450/455 W series



Features:

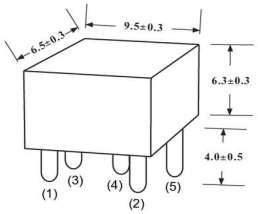
- For communication
- 6 elements
- 450/455 KHz

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

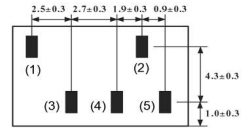
Specifications										
	LTM 455									
Part number	**AW**	**BW**	**CW**	**DW**	**EW**	**FW**	**GW**	**HW**	**IW**	**HTW**
Center frequency (KHz)	455±2.0	455±2.0	455±2.0	455±1.5	455±1.5	455±1.5	455±1.5	455±1.0	455±1.0	455±1.0
Insertion loss (dB) max	4	4	4	4	6	6	6	6	6	6
Pass band ripple (dB) max	2	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

LTM 450/455 W

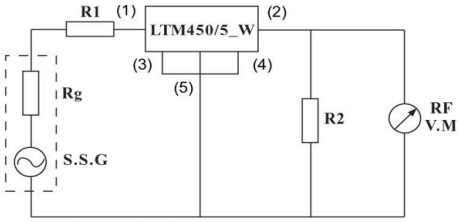


Dimensions in mm



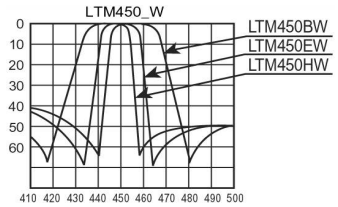
1	Input
3,4,5	Ground
2	Output

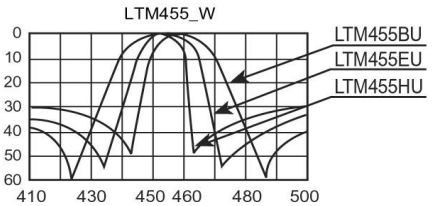
Test circuit



Rg+R1=R2= Input/Output Impedance

Characteristics





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!