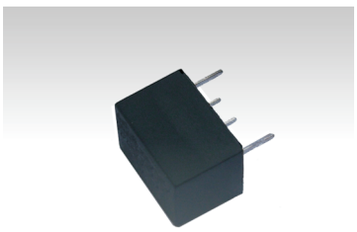
Filter THT, Ceramic

LTM 450/455 W series

RoHS 2002/95/EC



Features:

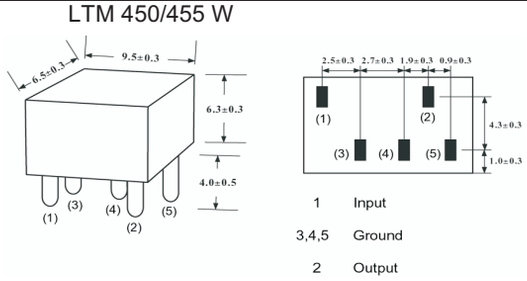
- For communication
- 6 elements
- 450/455 KHz

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_o±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

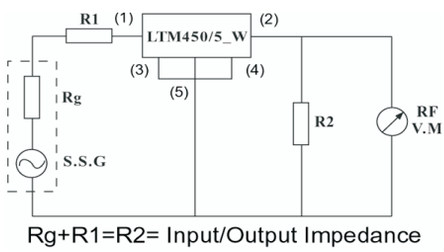
Specifications	LTM 455									
Part number	**AW**	**BW**	**CW**	**DW**	**EW**	**FW**	**GW**	**HW**	**IW**	**HTW**
Center frequency (kHz)	455±2.0	455±2.0	455±2.0	455±1.5	455±1.5	455±1.5	455±1.5	455±1.0	455±1.0	455±1.0
Insertion loss (dB) max	4	4	4	6	6	6	6	6	6	6
Pass band ripple (dB) max	2	2	2	2	2	2	2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



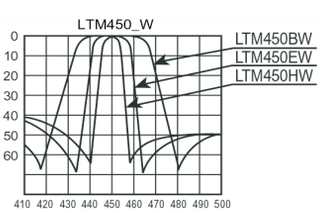
Test circuit

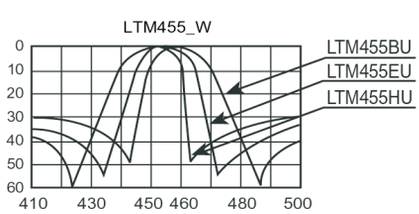


Rg+R1=R2= Input/Output Impedance

Dimensions in mm

Characteristics





Order key

F	**- LTM 450**	**- AW**		**-**
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