

MLT455/450□U/W CERAMIC FILTER FOR COMMUNICATION

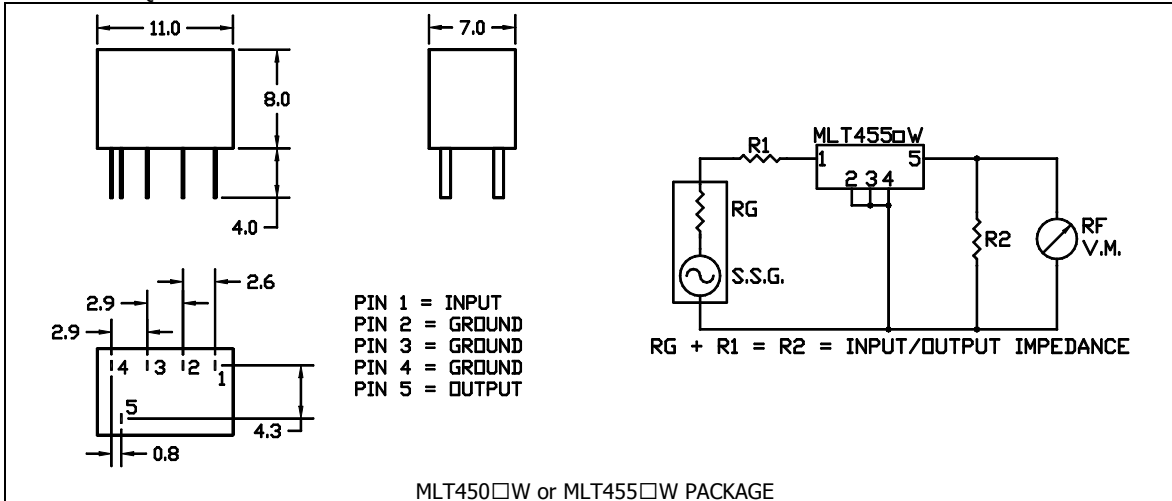
455/450 kHz

□ = Frequency in KHz

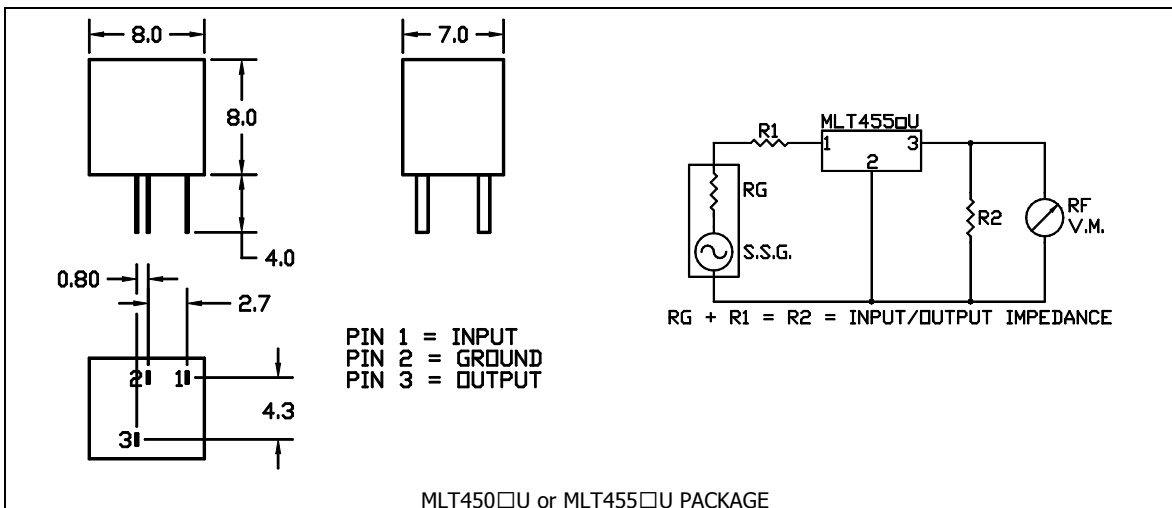
TECHNICAL CHARACTERISTICS

PART NUMBER	Center Freq. (kHz)	Insertion Loss (dB max)	Pass Band Ripple (dB max)	6 dB Band Width (kHz min)	40 dB Band Width (kHz max)	50 dB Band Width (kHz max)	Stop Band Attenuation To ± 100kHz (dB min)		Input Output Impedance (Ω)
							MLT455□U	MLT455□W	
MLT455BU	MLT455BW	455±2.0	4	2	±15	±30	28	40	1500
MLT455CU	MLT455CW	455±2.0	4	2	±12.5	±24	28	40	1500
MLT455DU	MLT455DW	455±1.5	4	2	±10	±20	28	40	1500
MLT455EU	MLT455EW	455±1.5	6	2	±7.5	±15	28	40	1500
MLT455FU	MLT455FW	455±1.5	6	2	±6	±12.5	28	40	2000
MLT455GU	MLT455GW	455±1.5	6	2	±4.5	±10	28	40	2000
MLT455HU	MLT455HW	455±1.0	6	2	±3	±9	28	40	2000
MLT455IU	MLT455IW	455±1.0	6	2	±2	±7.5	28	40	2000
MLT455HTU	MLT455HTW	455±1.0	6	2	±3	±9	35	60	2000

CENTER FREQUENCY OF 450 kHz IS ALSO AVAILABLE



MLT450□W or MLT455□W PACKAGE



MLT450□U or MLT455□U PACKAGE

MLTM455/450□U/W CERAMIC FILTER FOR COMMUNICATION

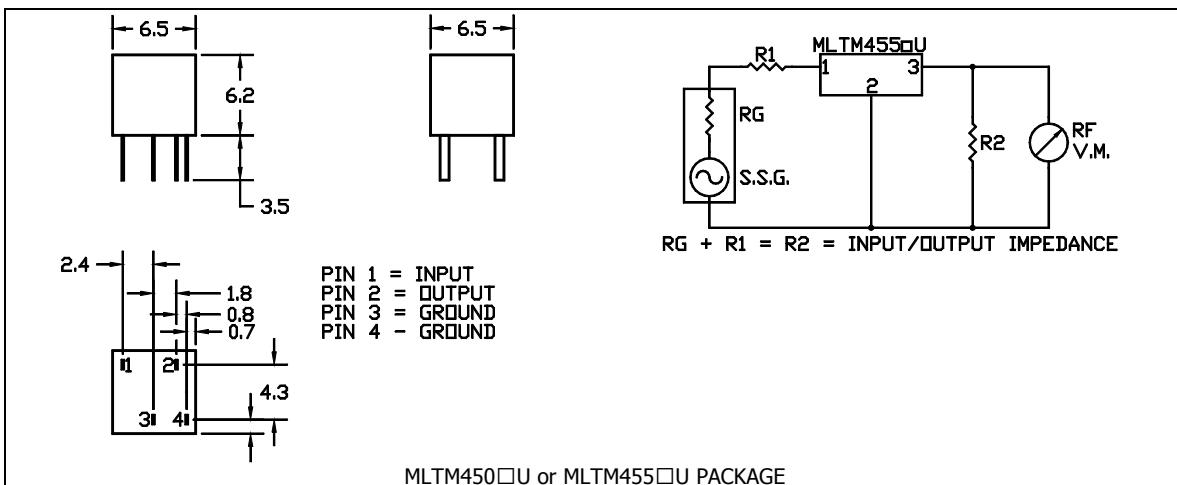
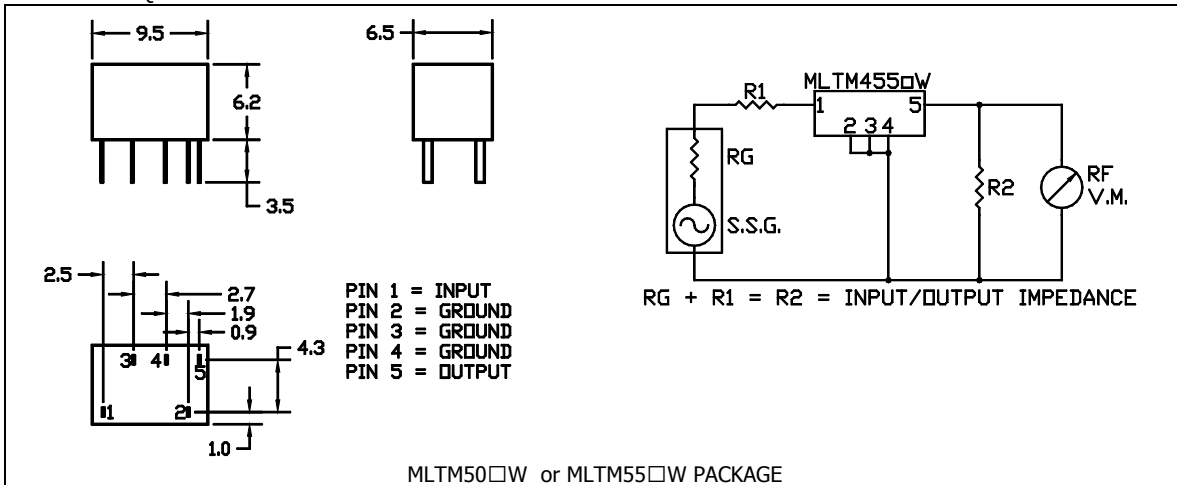
455/450 kHz

□ = Frequency in KHz

TECHNICAL CHARACTERISTICS

PART NUMBER		Center Freq. (kHz)	Insertion Loss (dB max)	Pass Band Ripple (dB max)	6 dB Band Width (kHz min)	40 dB Band Width (kHz max)	50 dB Band Width (kHz max)	Stop Band Attenuation To ± 100kHz (dB min)		Input Output Impedance (Ω)
								MLT455□U	MLT455□W	
MLTM455BU	MLTM455BW	455±2.0	4	2	±15	±30	±30	28	40	1500
MLTM455CU	MLTM455CW	455±2.0	4	2	±12.5	±24	±24	28	40	1500
MLTM455DU	MLTM455DW	455±1.5	4	2	±10	±20	±20	28	40	1500
MLTM455EU	MLTM455EW	455±1.5	6	2	±7.5	±15	±15	28	40	1500
MLTM455FU	MLTM455FW	455±1.5	6	2	±6	±12.5	±12.5	28	40	2000
MLTM455GU	MLTM455GW	455±1.5	6	2	±4.5	±10	±10	28	40	2000
MLTM455HU	MLTM455HW	455±1.0	6	2	±3	±9	±9	28	40	2000
MLTM455IU	MLTM455IW	455±1.0	6	2	±2	±7.5	±7.5	28	40	2000
MLTM455HTU	MLTM455HTW	455±1.0	6	2	±3	±9	±9	35	60	2000

CENTER FREQUENCY OF 450 kHz IS ALSO AVAILABLE



MLT455JR MINIATURE CERAMIC FILTER

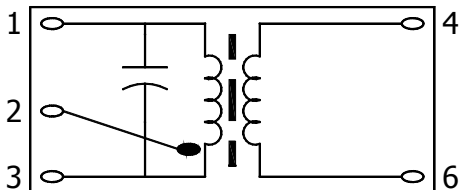
450-470 kHz

Technical Characteristics

Part Number	3dB Bandwidth (kHz)	Selectivity \pm 9kHz off (dB)	Insertion Loss (dB)	Composition
MLT445JR	5.5 \pm 1.5	\geq 17	\leq 6	2 Elements

- Center Frequency (fo) is available in a range of 450 to 470 kHz
- The nominal frequency tolerance is \pm 2 KHz

Recommend IFT (7mm Square)

Type	7 x 7mm			5 X 5mm		
<p>Winding Specification</p>  <p>From Bottom</p>	1 - 2	2 - 3	4 - 6	1 - 2	2 - 3	4 - 6
	85T	67T	23T	84T	98T	33T
Unloaded Qu	90			65		
Tuning Capacity	180pF			180PF		

