



LT455/450□U/W SERIES OF CERAMIC FILTER FOR COMMUNICATION

TECHNICAL CHARACTERISTICS

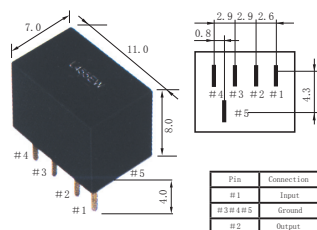
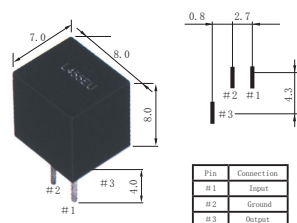
● LT455□U/W SERIES

Part Number		Center Frequency (kHz)	Insertion Loss (dB) max	Pass Band Ripple (dB) max	6dB Band Width (kHz) min	40dB Band Width (kHz) max (LT□U)	50dB Band Width (kHz) max (LT□W)	Stop Band Attenuation $f_0 \pm 100\text{kHz}$ (dB) min		Input/Output Impedance (Ω)
								(LT455□U)	(LT455□W)	
LT455AU	LT455AW	455 ± 2.0	4	2	± 17.5	± 40	± 35	28	40	1500
LT455BU	LT455BW	455 ± 2.0	4	2	± 15	± 30	± 30	28	40	1500
LT455CU	LT455CW	455 ± 2.0	4	2	± 12.5	± 24	± 24	28	40	1500
LT455DU	LT455DW	455 ± 1.5	4	2	± 10	± 20	± 20	28	40	1500
LT455EU	LT455EW	455 ± 1.5	6	2	± 7.5	± 15	± 15	28	40	1500
LT455FU	LT455FW	455 ± 1.5	6	2	± 6	± 12.5	± 12.5	28	40	2000
LT455GU	LT455GW	455 ± 1.5	6	2	± 4.5	± 10	± 10	28	40	2000
LT455HU	LT455HW	455 ± 1.0	6	2	± 3	± 9	± 9	28	40	2000
LT455IU	LT455IW	455 ± 1.0	6	2	± 2	± 7.5	± 7.5	28	40	2000
LT455HTU	LT455HTW	455 ± 1.0	6	2	± 3	± 9	± 9	35	60	2000

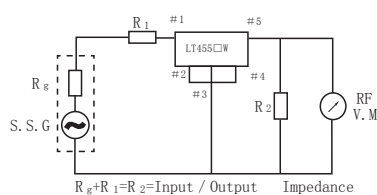
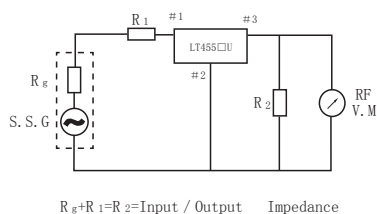
● LT450□U/W SERIES

Part Number		Center Frequency (kHz)	Insertion Loss (dB) max	Pass Band Ripple (dB) max	6dB Band Width (kHz) min	40dB Band Width (kHz) max (LT□U)	50dB Band Width (kHz) max (LT□W)	Stop Band Attenuation $f_0 \pm 100\text{kHz}$ (dB) min		Input/Output Impedance (Ω)
								(LT450□U)	(LT450□W)	
LT450AU	LT450AW	455 ± 2.0	4	2	± 17.5	± 40	± 35	28	40	1500
LT450BU	LT450BW	450 ± 2.0	4	2	± 15	± 30	± 30	28	40	1500
LT450CU	LT450CW	450 ± 2.0	4	2	± 12.5	± 24	± 24	28	40	1500
LT450DU	LT450DW	450 ± 1.5	4	2	± 10	± 20	± 20	28	40	1500
LT450EU	LT450EW	450 ± 1.5	6	2	± 7.5	± 15	± 15	28	40	1500
LT450FU	LT450FW	450 ± 1.5	6	2	± 6	± 12.5	± 12.5	28	40	2000
LT450GU	LT450GW	450 ± 1.5	6	2	± 4.5	± 10	± 10	28	40	2000
LT450HU	LT450HW	450 ± 1.0	6	2	± 3	± 9	± 9	28	40	2000
LT450IU	LT450IW	450 ± 1.0	6	2	± 2	± 7.5	± 7.5	28	40	2000
LT450HTU	LT450HTW	450 ± 1.0	6	2	± 3	± 9	± 9	35	60	2000

OUTLINE DIMENSIONS (mm)



TEST CIRCUIT



CHARACTERISTICS

