

CERAMIC FILTER (4pins) - LTM455-U / LTM450-U Series



► 455 kHz Series

PART NUMBER	CENTER FREQUENCY (kHz)	INSERTION LOSS (dB)	PASS BAND RIPPLE (dB) MAX.	AT 6dB BANDWIDTH (kHz) MIN.	40dB BANDWIDTH (kHz) MAX.	STOP BAND ± 100 kHz (dB) MIN.	INPUT/OUTPUT IMPEDANCE(Ω)
LTM455BU	455 \pm 2.0	4	2	\pm 15	\pm 30	30	1500
LTM455CU	455 \pm 2.0	4	2	\pm 12.5	\pm 24	30	1500
LTM455DU	455 \pm 1.5	4	2	\pm 10	\pm 20	30	1500
LTM455EU	455 \pm 1.5	6	2	\pm 7.5	\pm 15	30	1500
LTM455FU	455 \pm 1.5	6	2	\pm 6	\pm 12.5	30	2000
LTM455GU	455 \pm 1.5	6	2	\pm 4.5	\pm 10	30	2000
LTM455HU	455 \pm 1.0	6	2	\pm 3	\pm 9	30	2000
LTM455IU	455 \pm 1.0	6	2	\pm 2	\pm 7.5	30	2000
LTM455HTU	455 \pm 1.0	6	2	\pm 3	\pm 9	35	2000

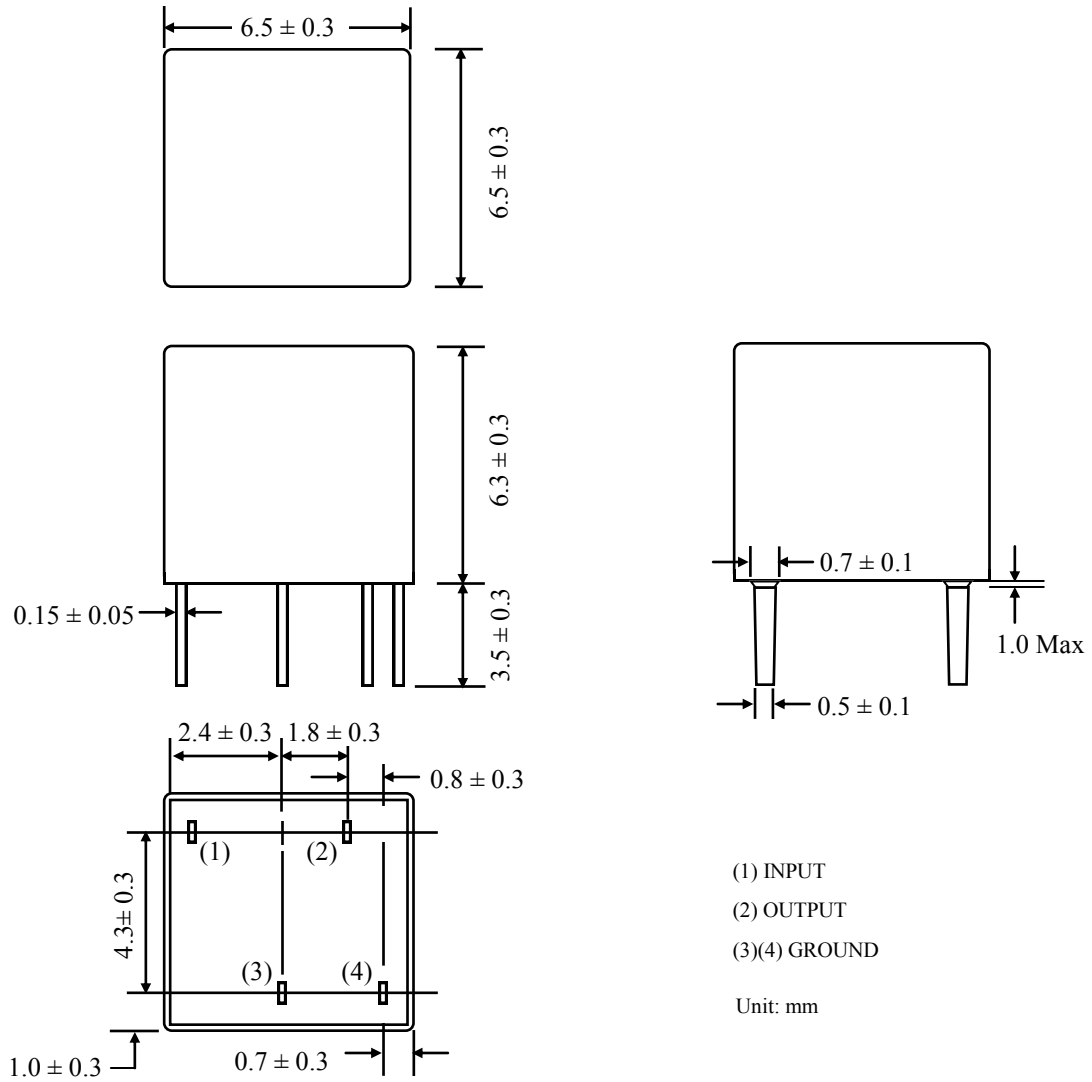
► 450 kHz Series

PART NUMBER	CENTER FREQUENCY (kHz)	INSERTION LOSS (dB)	PASS BAND RIPPLE (dB) MAX.	AT 6dB BANDWIDTH (kHz) MIN.	40dB BANDWIDTH (kHz) MAX.	STOP BAND ± 100 kHz (dB) MIN.	INPUT/OUTPUT IMPEDANCE(Ω)
LTM450BU	450 \pm 2.0	4	2	\pm 15	\pm 30	30	1500
LTM450CU	450 \pm 2.0	4	2	\pm 12.5	\pm 24	30	1500
LTM450DU	450 \pm 1.5	4	2	\pm 10	\pm 20	30	1500
LTM450EU	450 \pm 1.5	6	2	\pm 7.5	\pm 15	30	1500
LTM450FU	450 \pm 1.5	6	2	\pm 6	\pm 12.5	30	2000
LTM450GU	450 \pm 1.5	6	2	\pm 4.5	\pm 10	30	2000
LTM450HU	450 \pm 1.0	6	2	\pm 3	\pm 9	30	2000
LTM450IU	450 \pm 1.0	6	2	\pm 2	\pm 7.5	30	2000
LTM450HTU	450 \pm 1.0	6	2	\pm 3	\pm 9	30	2000

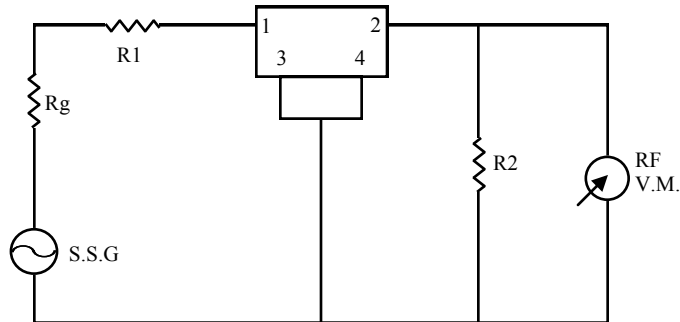
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■ PACKAGE DIMENSIONS



■ TEST CIRCUIT



$$R_g + R_1 = R_2 = \text{INPUT/OUTPUT IMPEDANCE}$$

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