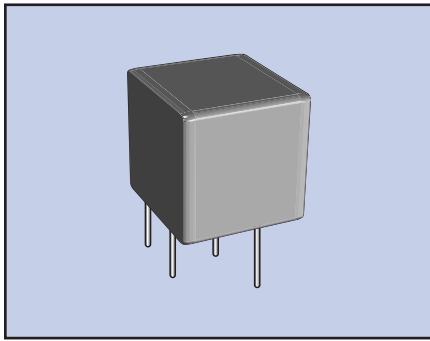




Ultra small size high selectivity type ceramic filter for communication use.

FEATURES

- Ultra small size
- 6.5 mm profile
- Bandwidths from 4KHz to 30KHz available
- RoHS Compliant (Note 7 exemption)
- 4 elements



OPERATING CONDITIONS/ELECTRICAL CHARACTERISTICS

PART NUMBER	CENTER FREQUENCY (KHz)	INSERTION LOSS (dB) MAX.	PASS BAND RIPPLE (dB) MAX.	6 dB BANDWIDTH (KHz) MIN.	40 dB BANDWIDTH (dB) MAX.	STOP BAND ATT. ± 100 KHz (dB) MIN.	INPUT / OUTPUT IMPEDANCE (Ω)
LTM450BU	450 ± 2.0	4	2	± 15	± 30	27	1500
LTM450CU	450 ± 2.0	4	2	± 12.5	± 24	27	1500
LTM450DU	450 ± 1.5	4	2	± 10	± 20	27	1500
LTM450EU	450 ± 1.5	6	2	± 7.5	± 15	27	1500
LTM450FU	450 ± 1.5	6	2	± 6	± 12.5	27	2000
LTM450GU	450 ± 1.0	6	2	± 4.5	± 10	25	2000
LTM450HU	450 ± 1.0	6	2	± 3	± 9	25	2000
LTM450IU	450 ± 1.0	6	2	± 2	± 7.5	25	2000
LTM450HTU	450 ± 1.0	6	2	± 3	± 9	35	2000
LTM450ITU	450 ± 1.0	6	2	± 2	± 7.5	35	2000

PACKAGE DIMENSIONS (mm)

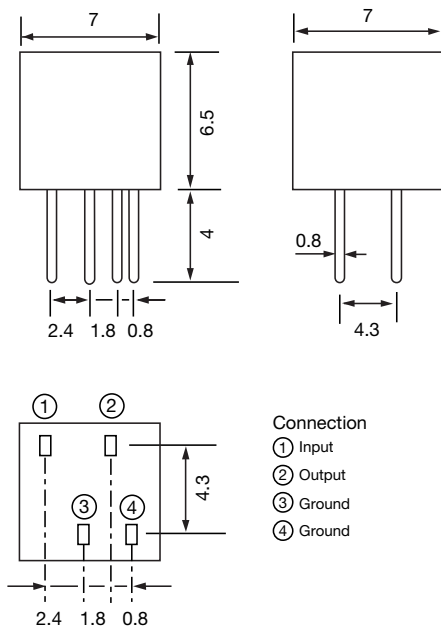


Figure 1) LTM450U – Front, Side and Bottom views

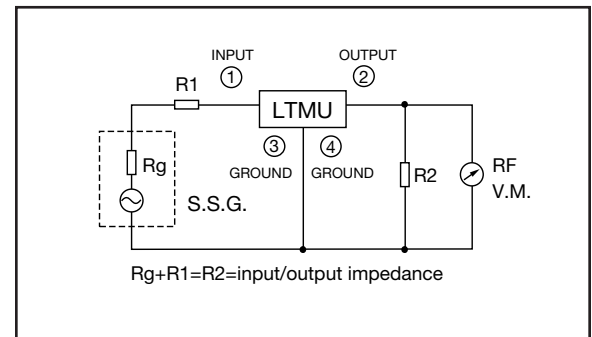


Figure 2) LTM450U – Measuring Circuit

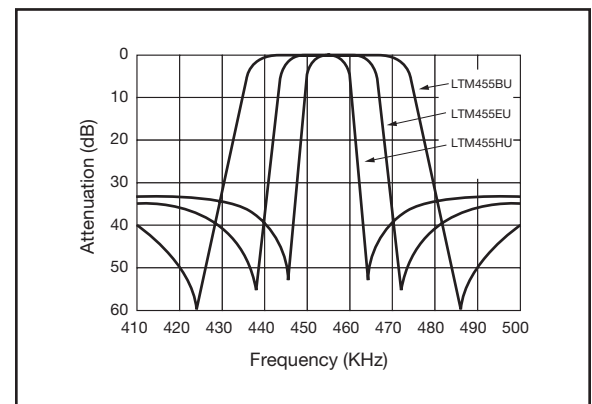


Figure 3) LTM450U – Characteristics

Note: To avoid potential problems, connect the output to an IF amplifier through a DC cut capacitor.
Avoid applying a direct current to output end of the ceramic filters (between ③ and ①②).