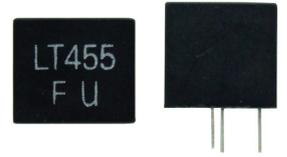
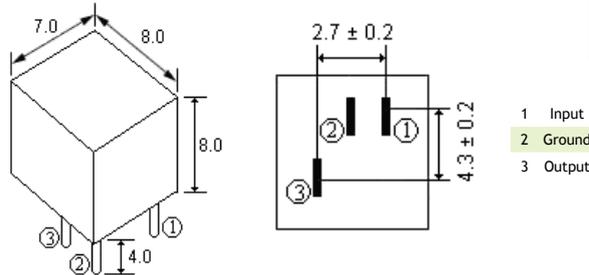




DESCRIPTION

The highly selective filter LT 455/450U is designed to address the G.D.T. characteristics required in digital communications. The excellent G.D.T. characteristics allow these filters to be utilized in areas such as the mobile cellular markets as well as a variety of stereo applications.

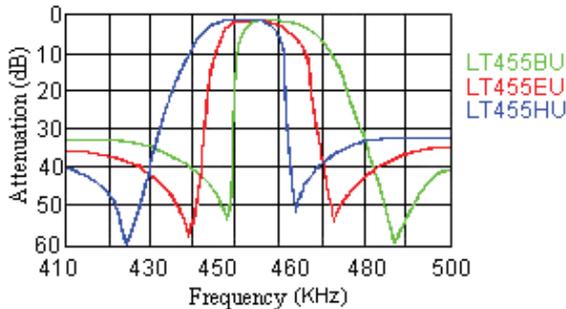
MECHANICAL DIMENSIONS (All in mm) LT...U



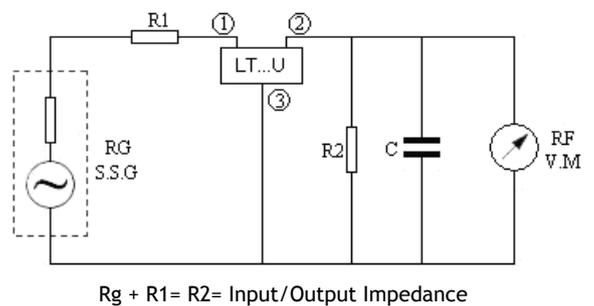
ELECTRICAL SPECIFICATION - Table 1

Part Number	Center Frequency in kHz	Insertion Loss (dB)	Pass Band Ripple (dB) max	6dB Bandwidth (kHz) min	50dB Bandwidth (kHz) min	Stop Band Att. 10kHz (dB) min	Input/Output Impedance (Ω)
LT450BU	450 ± 2.0	4	2	±15	±30	30	1500
LT455BU	455 ± 2.0	4	2	±15	±30	30	1500
LT450CU	450 ± 2.0	4	2	±12.5	±24	30	1500
LT455CU	455 ± 2.0	4	2	±12.5	±24	30	1500
LT450DU	450 ± 1.5	4	2	±10	±20	30	1500
LT455DU	455 ± 1.5	4	2	±10	±20	30	1500
LT450EU	450 ± 1.5	6	2	±7.5	±15	30	1500
LT455EU	455 ± 1.5	6	2	±7.5	±15	30	1500
LT450FU	450 ± 1.5	6	2	±6	±12.5	30	2000
LT455FU	455 ± 1.5	6	2	±6	±12.5	30	2000
LT450GU	450 ± 1.5	6	2	±4.5	±10	30	2000
LT455GU	455 ± 1.5	6	2	±4.5	±10	30	2000
LT450HU	450 ± 1.0	6	2	±3	±9	30	2000
LT455HU	455 ± 1.0	6	2	±3	±9	30	2000
LT450IU	450 ± 1.0	6	2	±2	±7.5	30	2000
LT455IU	455 ± 1.0	6	2	±2	±7.5	30	2000
LT450HTU	450 ± 1.0	6	2	±3	±9	35	2000
LT455HTU	455 ± 1.0	6	2	±3	±9	35	2000

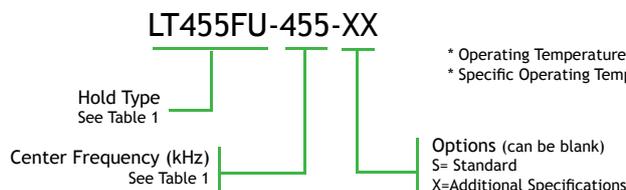
SERIES CHARACTERISTICS LT...U



TEST CIRCUIT LT...U



PART NUMBERING SYSTEM (Example)



* Operating Temperature Range: 0°C to 60°C (Standard)
* Specific Operating Temperature Range under request.