

Features

- Input / Output Impedance: 1000Ω ~ 2000Ω
- Highly Selective Ceramic Filters
- Center frequency: 450kHz, 455kHz
- RoHS Compliant
- Insertion Loss (dB) max: 4 db, 6 db
- Pass Band Ripple (dB) max: 2 db
- Applications: Mobile cellular, etc



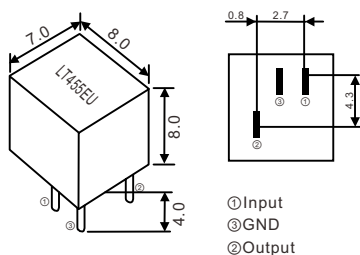
Standard Specification (455KHz)

Part Number	Center Frequency (KHz)	Insertion Loss (dB) Max.	Passband Ripple (dB) Max.	6dB Band Width (KHz) Min.	50dB Band Width (KHz) Min.	Stop Band Att. ±100KHz (dB) Min.	Input /Output Impedance (Ω)
LT455BU	455±2.0	4	2	±15	±30	30	1500
LT455CU	455±2.0	4	2	±12.5	±24	30	1500
LT455DU	455±1.5	4	2	±10	±20	30	1500
LT455EU	455±1.5	6	2	±7.5	±15	30	1500
LT455FU	455±1.5	6	2	±6	±12.5	30	2000
LT455GU	455±1.5	6	2	±4.5	±10	30	2000
LT455HU	455±1.0	6	2	±3	±9	30	2000
LT455IU	455±1.0	6	2	±2	±7.5	30	2000
LT455HTU	455±1.0	6	2	±3	±9	40	2000

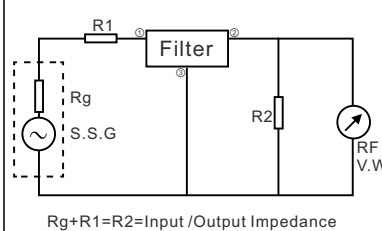
Standard Specification (450KHz)

Part Number	Center Frequency (KHz)	Insertion Loss (dB) Max.	Passband Ripple (dB) Max.	6dB Band Width (KHz) Min.	50dB Band Width (KHz) Min.	Stop Band Att. ±100KHz (dB) Min.	Input /Output Impedance (Ω)
LT450BU	450±2.0	4	2	±15	±30	30	1500
LT450CU	450±2.0	4	2	±12.5	±24	30	1500
LT450DU	450±1.5	4	2	±10	±20	30	1500
LT450EU	450±1.5	6	2	±7.5	±15	30	1500
LT450FU	450±1.5	6	2	±6	±12.5	30	2000
LT450GU	450±1.5	6	2	±4.5	±10	30	2000
LT450HU	450±1.0	6	2	±3	±9	30	2000
LT450IU	450±1.0	6	2	±2	±7.5	30	2000
LT450HTU	450±1.0	6	2	±3	±9	35	2000

Dimensions[mm]



Test Circuit



Characteristics

