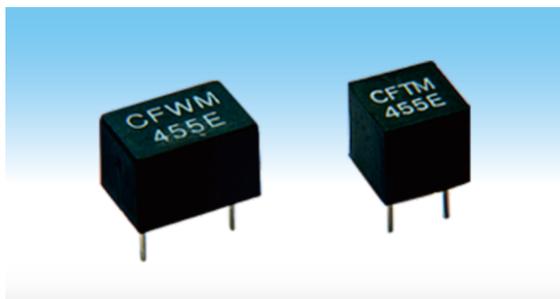


Ceramic Filter

LT455/450 U/W Series Ceramic Filter

450KHz /455KHz

Package: DIP Type



Features

- LT455 EU Dimensions: (7.0×8.0×8.0 mm)
- LT455 EW Dimensions: (7.0×11.0×8.0 mm)
- Center frequency: 450kHz, 455kHz
- Pass Band Ripple (dB) max: 2 db
- Insertion Loss (dB) max: 4 db, 6 db
- Application for small thin radios, Headphone stereos, FM receiver, Car radio communications, etc,
- RoHS Compliant



Standard Specifications

Part Number		Center Frequency (fo)(KHz)	Insertion Loss (dB) max.	Pass Band Ripple (dB) max.	6dB Bandwidth (KHz) min.	40dB Bandwidth (KHz) max. LTC455U	50dB Bandwidth (KHz) max. LTC455W	Spurious Attenuation fo±100KHz (dB) min.		Input/Output Impedance (Ω)
								LTC455U	LTC455W	
LT455AU	LT455AW	455±2.0	4	2	±175	±35.0	±35.0	28	40	1000
LT455BU	LT455BW	455±2.0	4	2	±15.0	±30.0	±30.0	28	40	1500
LT455CU	LT455CW	455±2.0	4	2	±12.5	±24.0	±24.0	28	40	1500
LT455DU	LT455DW	455±1.5	4	2	±10.0	±20.0	±20.0	28	40	1500
LT455EU	LT455EW	455±1.5	6	2	±7.5	±15.0	±15.0	28	40	1500
LT455FU	LT455FW	455±1.5	6	2	±6.0	±12.5	±12.5	28	40	2000
LT455GU	LT455GW	455±1.5	6	2	±4.5	±10.0	±10.0	28	40	2000
LT455HU	LT455HW	455±1.0	6	2	±3.0	±9.0	±9.0	28	40	2000
LT455IU	LT455IW	455±1.0	6	2	±2.0	±7.5	±7.5	28	40	2000
LT455HTU	LT455HTW	455±1.0	6	2	±3.0	±9.0	±9.0	35	60	2000

Note: Center frequency 450KHz is also available

Dimensions

[mm]

LT455EU Series

Pin Connection

①	Input
②③④	GND
⑤	Output

LT455EW Series

Pin Connection

①	Input
②③④	GND
⑤	Output