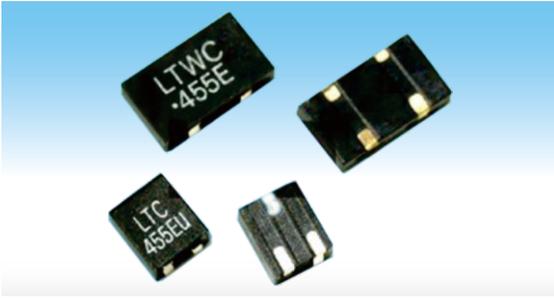


# Ceramic Filter

LTC455/450 U/W Series SMD Ceramic Filter

455KHz/450KHz

Package: SMD Type



## Features

- They are slim, at only 4.0mm max. thickness, and have a small mounting area enabling flexible PCB design
  - Operating temperature range: -20°C to +80°C
  - Can be reflow soldered and withstand washing
  - The bandwidth ranges from D to G
- Mountable by automatic placers
- Application for small thin radios, Headphone stereos, FM receiver, 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					LTC455U	LTC455W	
LTC455BU	LTC455BW	455±15	4	4	2	±15.0	±30.0	±30.0	27	50	1000
LTC455CU	LTC455CW	455±15	4	4	2	±12.5	±25.0	±25.0	27	50	1000
LTC455DU	LTC455DW	455±15	4	4	2	±10.0	±20.0	±20.0	27	50	1500
LTC455EU	LTC455EW	455±15	6	4	2	±7.5	±15.0	±15.0	27	50	1500
LTC455FU	LTC455FW	455±15	6	6	2	±6.0	±12.0	±12.0	27	47	1500
LTC455GU	LTC455GW	455±15	6	6	2	±4.5	±10.0	±10.0	25	47	1500
LTC455HU	LTC455HW	455±15	6	6	2	±3.0	±9.0	±9.0	25	47	1500
LTC455IU	LTC455IW	455±15	6	6	2	±2.0	±7.5	±7.5	25	47	1500

Note: Center frequency 450KHz is also available

## Dimensions

[mm]

