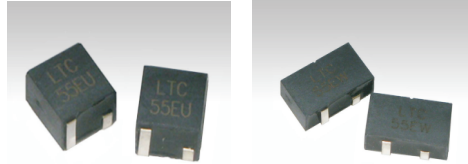


# Filter SMD, Ceramic

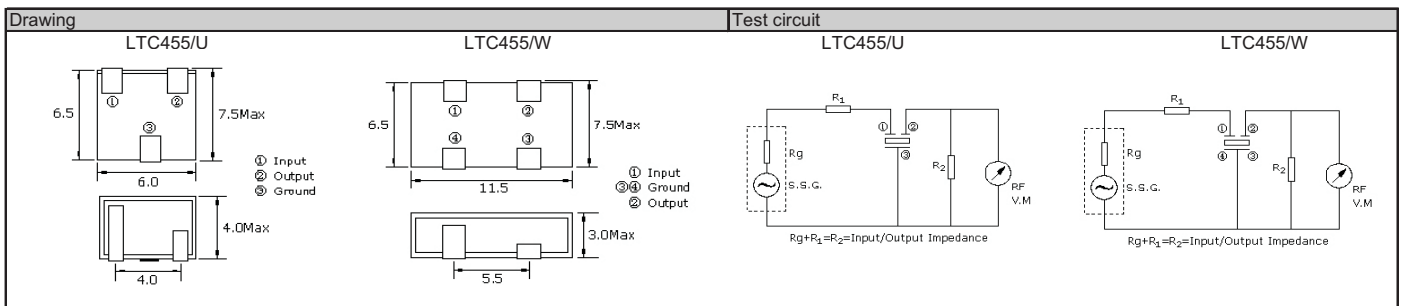


## LTC 450/455 U LTC 450/455 W series

### Features:

- 450 / 455 kHz
- For communications
- Can be reflow soldered
- Mountable by automatic placers
- Slim and small mounting area

Spezifications		LTC455U/W						
Part number	LTC455BU/BW	LTC455CU/CW	LTC455DU/DW	LTC455EU/EW	LTC455FU/FW	LTC455GU/GW	LTC455HU/HW	LTC455IU/IW
Center frequency (kHz)	455±1.5	455±1.5	455±1.5	455±1.5	455±1.5	455±1.5	455±1.5	455±1.5
Insertion loss (dB) max LTC/U	4	4	4	4	6	6	6	6
Insertion loss (dB) max LTC/W	4	4	4	4	6	6	6	6
Pass band ripple (dB) max	2	2	2	2	2	2	2	2
6dB bandwidth (kHz) min	±15.0	±12.5	±10.0	±7.5	±6.0	±4.5	±3.0	±2.0
40dB bandwidth (kHz) min	±30.0	±25.0	±20.0	±15.0	±12.0	±10.0	±9.0	±7.5
50dB bandwidth (kHz) min	±30.0	±25.0	±20.0	±15.0	±12.0	±10.0	±9.0	±7.5
Spurious Attenuation LTC/U 455±100kHz (dB) min	27	27	27	27	27	25	25	25
Spurious Attenuation LTC/W 455±100kHz (dB) min	50	50	50	50	47	47	47	47
Input/Output impedance (Ohm)	1000	1000	1500	1500	1500	1500	1500	1500



Order key			
<b>F</b>	<b>-LTC455</b>	<b>-BU</b>	<b>-</b>
Part	Package	Individual specification	Option
F=Ceramic Filter	LT450 LT455	BU / BW CU / CW DU / DW EU / EW FU / FW GU / GW HU / HW IU / IW	blanc = standard          X = Spezial options