

LTUC455 & LTUCS455 Series Ceramic Filter

LTUC455 and LTUCS455 series are surface mount ceramic filters widely used in telecommunication, cable, radar, TV set, tape recorder, video camera and other electronic products due to its lower price and stable performances.

LTUC455
LTUCS455

Specifications:

Frequency Range (fc):

LTUC455 Series: 455KHz

LTUCS455 Series: 455KHz

Tolerance: $\pm 1.5\text{KHz}$

Operating Temperature: $-20^{\circ}\text{C} \sim +80^{\circ}\text{C}$ Standard

Storage Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

6dB Bandwidth: D: $\pm 10\text{KHz}$

E: $\pm 7.5\text{KHz}$

F: $\pm 6.0\text{KHz}$

G: $\pm 4.5\text{KHz}$

40dB Bandwidth: D: $\pm 20\text{KHz}$

E: $\pm 15\text{KHz}$

F: $\pm 12.5\text{KHz}$

G: $\pm 10\text{KHz}$

Stop Band Attenuation: 27dB min (D,E,F)

at $f_c \pm 100\text{KHz}$ 25dB min (G)

Insertion Loss: 4.0dB max (D)
6.0dB max (E,F,G)

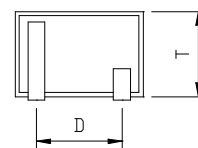
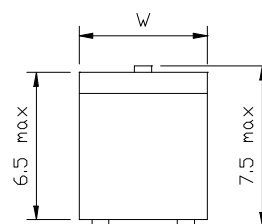
Ripple: 2.0dB max

Input/Output Impedance: $1.5\text{K}\Omega$

Note:

- Other frequencies, bandwidth ranges available. Consult VTC Support for specific requirements.
- Not all combinations of the above bandwidth ranges are available. Consult VTC Support if your requirement is not standard.
- All specifications subject to change without notice.

LTUC & LTUCS Series



Model	W	D	T
LTUC	6.0	4.0	4.0
LTUCS	5.6	3.0	3.0

All dimensions are in mm

Ordering Information

Product name + Frequency + Bandwidth Code.

i.e. LTUC455E or LTUCS455F