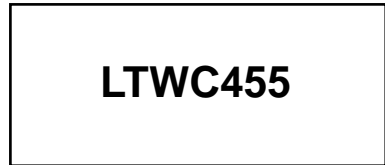


LTWC455 Series Ceramic Filters

LTWC455 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.



Specifications:

Frequency Range (fc):

LTWC455 Series: 455KHz

Tolerance: ± 1.5KHz

Operating Temperature: -20°C ~ +80°C Standard

Storage Temperature: -40°C ~ +85°C

3dB and 6dB Bandwidth:	B: ± 10KHz	± 15.0KHz
	C: ± 8.0KHz	± 12.5KHz
	D: ± 7.0KHz	± 10.0KHz
	E: ± 5.5KHz	± 7.5KHz
	F: ± 4.0KHz	± 6.0KHz
	G: ± 3.0KHz	± 4.5KHz
	H: ± 1.5KHz	± 3.0KHz

50dB Bandwidth:	B: ± 30KHz
	C: ± 25KHz
	D: ± 20KHz
	E: ± 15KHz
	F: ± 12KHz
	G: ± 10KHz
	H: ± 9KHz

Stop Band Attenuation: 50dB min (B,C,D,E)
at fc ± 100KHz 47dB min (F,G)

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

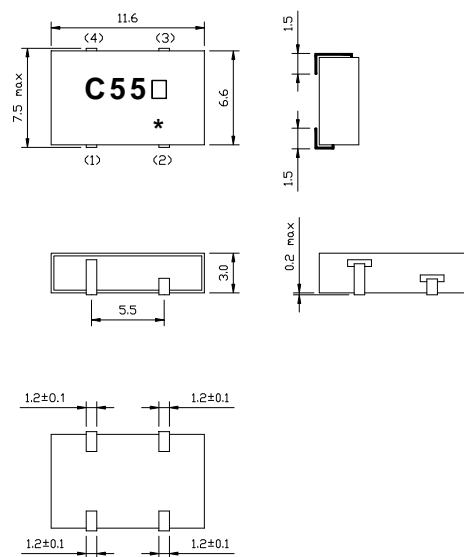
Ripple: 2.0dB max

Input/Output Impedance: 1.5KΩ

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.

LTWC455 Series



Pin Connection:

- (1) Input
- (2) Output
- (3),(4) Ground
- : Bandwidth code B-H
- * : Date code

All dimensions are in mm

Ordering Information

Product name + Frequency + Bandwidth Code.
i.e. LTWC455E