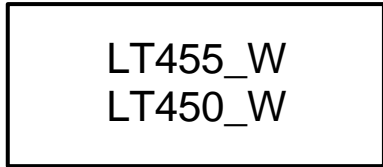


## LT455\_W & LT450\_W Series Ceramic Filter

LT455\_W and LT450\_W series ceramic filters are 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):

<b>LT455_W Series:</b>	455KHz
<b>LT450_W Series:</b>	450KHz

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

**Storage Temperature:** -40°C ~ +85°C

#### 6dB Bandwidth and Attenuation Bandwidth:

B:	± 15KHz	± 30KHz
C:	± 12.5KHz	± 24KHz
D:	± 10KHz	± 20KHz
E:	± 7.5KHz	± 15KHz
F:	± 6KHz	± 12.5KHz
G:	± 4.5KHz	± 10 KHz
H:	± 3KHz	± 9KHz
I:	± 2KHz	± 7.5KHz

**Attenuation Specified:** 50dB min

**Stop Band Attenuation:** 40dB min (at fc ± 100KHz)

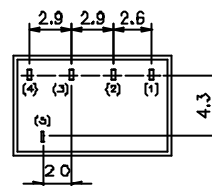
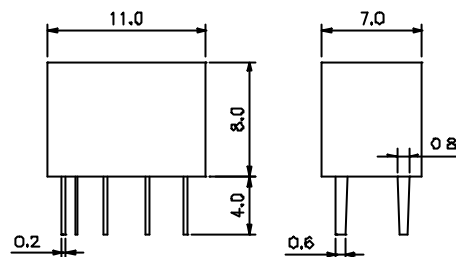
**Insertion Loss:** 4.0dB max (B,C,D)  
6.0dB max (E,F,G,H,I)

**Input/Output Impedance:** 1.5KΩ (B,C,D,E)  
2.0KΩ (F,G,H,I)

#### 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.

### LT\_W Series



Pin	Connection
(1)	Input
(2),(3),(4)	Ground
(5)	Output

All dimensions are in mm

### Ordering Information

Product name + Frequency + Bandwidth Code.

i.e. LT455BW