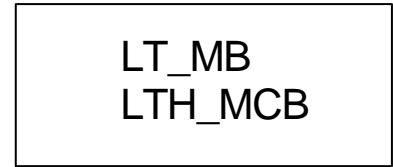


## LT\_MB & LTH\_MCB Series Ceramic Filter

LT\_MB and LTH\_MCB 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):

**LT\_MB Series:** 4.5MHz ~ 6.5MHz

**LTH\_MCB Series:** 4.5MHz ~ 6.5MHz

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

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

**3dB Bandwidth:** ± 60KHz ~ ± 80KHz

**20dB Bandwidth:** 530KHz ~ 630KHz

**Insertion Loss:** 6.0dB max

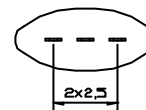
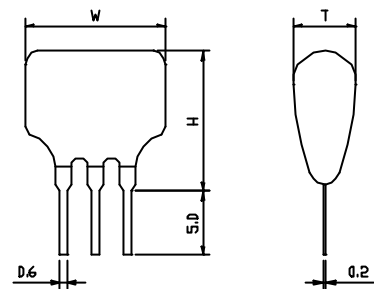
**Stop Band Attenuation:** 20dB ~ 25dB min

**Input/Output Impedance:** 1KΩ, 600Ω, 470Ω

#### Note:

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

### LT\_MB & LTH\_MCB Series



| Model   | W    | H    | T   |
|---------|------|------|-----|
| LT_MB   | 11.0 | 11.0 | 5.0 |
| LTH_MCB | 10.0 | 8.0  | 5.0 |

All dimensions are in mm

### Ordering Information

Product name + Frequency + Bandwidth Code.

i.e. LT4.5MB