

JT_M Series Ceramic Discriminator

JT_M series ceramic discriminators 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):

JT_MD Series: 4.5 ~ 6.5MHz

JT_MC Series: 4.5 ~ 6.5MHz

JT_MG/MC Series 10.7MHz

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

Storage Temperature: -40°C ~ +85°C

Recovered Audio Output Voltage: 35 ~ 140mV min

Recovered Audio 3dB Bandwidth:

| | |
|--------------|---------|
| JT4.5MD: | ± 40KHz |
| JT5.5~6.5MD: | ± 50KHz |
| JT4.5MC: | ± 50KHz |
| JT5.5~6.5MC: | ± 60KHz |
| JT10.7MG: | 300KHz |
| JT10.7MC: | 242KHz |

Distortion Faction:

| | |
|----------|----------|
| JT_MD: | 3.0% max |
| JT_MC: | 1.5% max |
| JT10.7M: | 1.0% max |

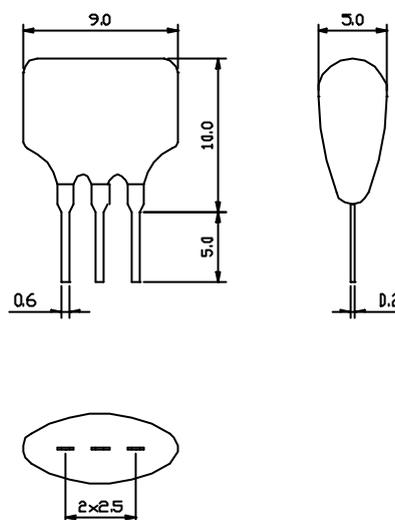
Detection Mode:

| | |
|--------|-------------------|
| JT_MD: | Differential Peak |
| JT_MC: | Quadrature |
| JT MG: | Quadrature |

Applied ICs:

| | |
|--------|--|
| JT_MD: | TA7176, AN241, μPC1353C, LA1356, CA3065 |
| JT_MC: | μPC1382C, LA7520, μPC1391H, TA7146P, TBA120T, M51316P |

JT_M Series



All dimensions are in mm

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.

Ordering Information

Product name + Frequency + Bandwidth Code.

i.e. JT4.5MC