

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.

JT_MD
JT_MC

Specifications:

Frequency Range(fc):

JT_MD Series: 4.5 ~ 6.5MHz

JT_MC Series: 4.5 ~ 6.5MHz

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

Storage Temperature: -40°C ~ +85°C

Recovered Audio Output Voltage: 100mV min

Recovered Audio 3dB Bandwidth:

JT4.5MD:	± 40KHz
JT5.5~6.5MD:	± 50KHz
JT4.5MC:	± 50KHz
JT5.5~6.5MC:	± 60KHz

Distortion Faction:

JT_MD:	3.0% max
JT_MC:	1.5% max

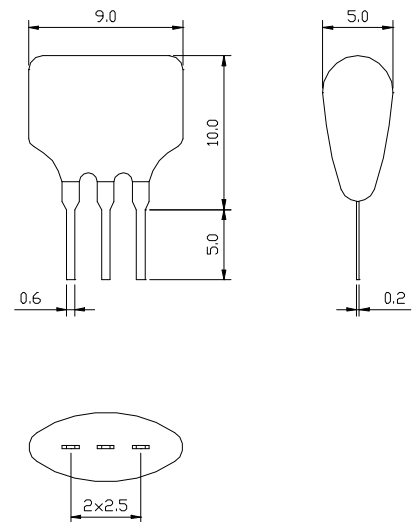
Detection Mode:

JT_MD:	Differential Peak
JT_MC:	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:

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.

Ordering Information

Product name + Frequency + Bandwidth Code.

i.e. JT4.5MC