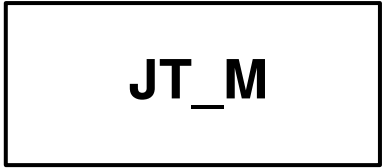


JT_M Series Ceramic Discriminator

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

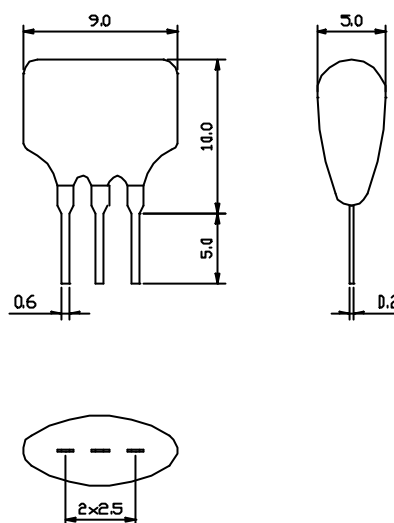
JT_MC: Quadrature

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:

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