

ADJUSTABLE INDUCTOR

MD0707U SERIES

FEATURES:

- PPplastic with air coil to be molded.
- Adjustable inductance value.
- Firm structure,coil core can be tuned by upside or downside.
- Frequency range:30MHz~250MHz.
- Temperature coefficient: 150 ± 100 PPM/°C.
- Lead free, RoHS & REACH compliant.

COMMON APPLCATIONS:

- RF radio, wireless transceiver, security field.
- FMradio,TVreceiver, transceiver.
- Car, wireless telecommunication and RF electronic application.

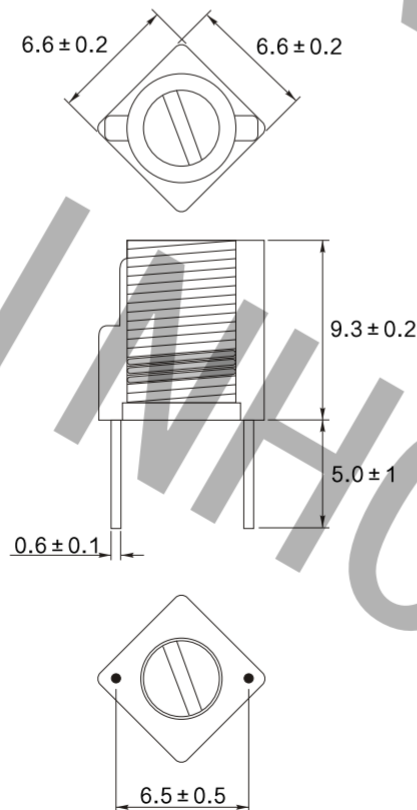
ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (Center value) (nH)	Inductance (Min value) (nH)	Inductance (Max value) (nH)	Q Min	Test frequency (MHz)
MD0707U-1.5Ts	18.5	16.5	20.5	50	100
MD0707U-2.5Ts	28.3	23.4	33.2	40	100
MD0707U-3.5Ts	41.0	33.5	48.5	40	100
MD0707U-4.5Ts	53.5	42.5	64.5	40	100
MD0707U-5.5Ts	67.0	53.7	80.3	40	100

Testing Instrument:Q-METER171,Inductance-HP4191A
 Operating temperature: -25°C to +105°C(Including self-temperature rise)

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimensions(mm)



Winding

