

INDUCTORS

Adjustable Inductors MD0505 Series

FEATURES:

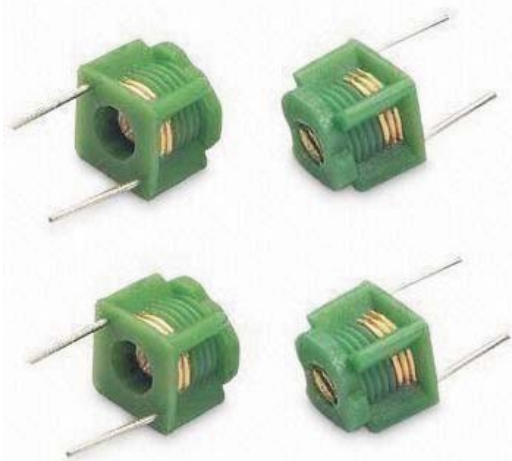
1. PP plastic with air coil to be molded.
2. Stable capability, winding type can be close winding.
3. Adjustable inductance value.
4. Firm structure.
5. Frequency range: 30MHz ~200MHz.
6. Temperature coefficient: 150 ~100ppm/°C.
7. Lead free, RoHS&REACH compliant.

Applications:

*Widely use in RF radio, wireless transceiver, FM radio, TV receiver, Car, Wireless telecommunication and RF electronic application.

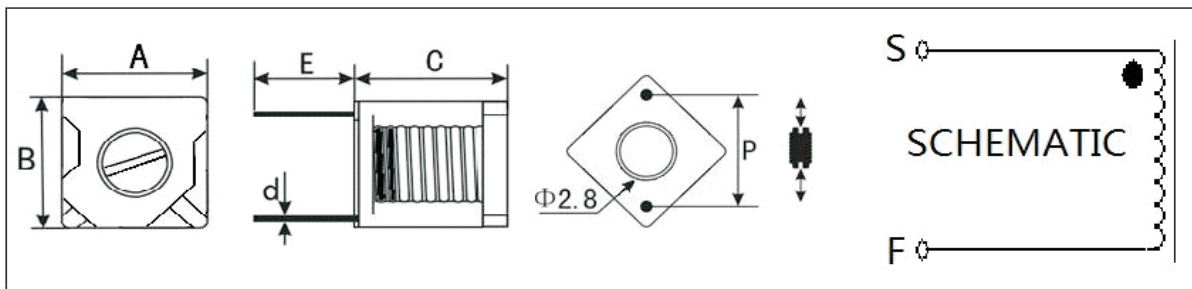
Test equipment

*Testing Instrument: Q-METER171, Inductance-HP4191A



Dimension: Unit: mm

Part No.	A	B	C	d	E	P
MD0505	5.1±0.2	5.1±0.2	5.0±0.5	0.4±0.1	5.0±1.0	5.0±0.5



Part No.	L(Nom)(nH)	L(Min) (nH)	L(Max)(nH)	Q (Min)	Test Freq(MHz)
MD0505-1.5T-BR-G	16.9	15.5	18.3	80	200
MD0505-2.5T-BR-G	30.2	27	33.5	80	200
MD0505-3.5T-BR-G	46.5	38	55	60	200
MD0505-4.5T-BR-G	66.5	55.5	77.5	60	200
MD0505-5.5T-BR-G	89.5	71.5	107.5	40	200
MD0505-6.5T-BR-G	103	87.5	118.5	40	200

* Pictures and parameters are only for reference, accurate parameters in kind prevail.

ORDER INFORMATION

KLS18-MD 0505-1.5T-BR-G

MD: product type: MD : DIP molded Adjustable inductor,
MDS: SMD molded Adjustable inductor.
0505: Size: 5*5*5mm
XXT: coil number
BR: screw type: AR:aluminum core, BR: copper core, FR: ferrite core
G: color: G- green, R-Red