

# INDUCTORS

## Adjustable Inductors MD0505S Series

**FEATURES:**

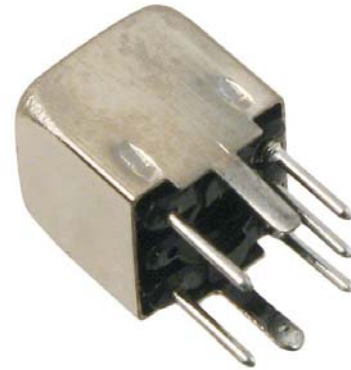
1. PP plastic with air coil to be molded.
2. Stable capability, winding type can be close winding.
3. Adjustable inductance value.
4. Firm structure.
5. Frequency range: 30MHz ~ 200MHz.
6. Temperature coefficient: 150 ~ 100ppm/°C.
7. Lead free, RoHS & REACH compliant.

**Applications:**

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

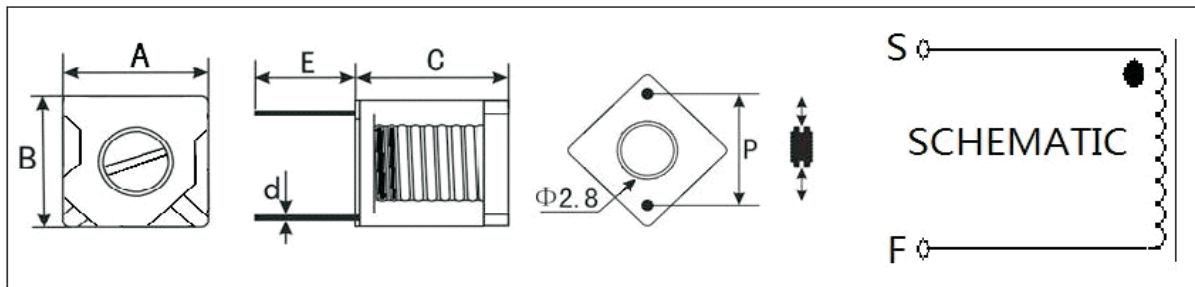
**Test equipment**

\*Testing Instrument: Q-METER 171, Inductance-HP4191A



**Dimension: Unit: mm**

Part No.	A	B	C	d	E	P
MD0505S	5.85Max	5.85Max	5.6Max	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)
MD0505S-1.5T-BR-G	16	15.5	16.5	70	200
MD0505S-2.5T-BR-G	25.5	23.5	28	70	200
MD0505S-3.5T-BR-G	40	34.5	45.5	60	200
MD0505S-4.5T-BR-G	54.4	46.3	62.5	60	200
MD0505S-5.5T-BR-G	84.5	73.5	95.5	40	200
MD0505S-6.5T-BR-G	89	77.5	100.5	40	200

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

## ORDER INFORMATION

KLS18-MD 0505S-1.5T-BR-G

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