

MD-1012U-TC-B

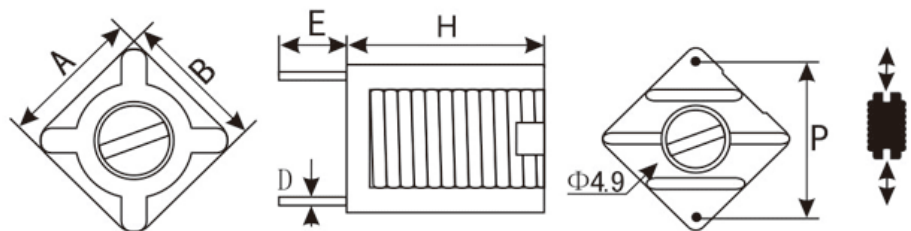
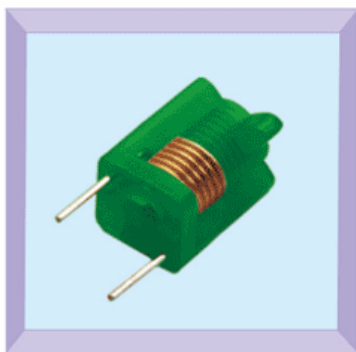
产品特性 Features

- 采用PP塑料、空芯线圈注塑成型。PP plastic with air coil to be molded.
- 性能稳定，线圈为密绕。Stable capability, winding type can be close winding.
- 电感值可以调整。Adjustable inductance value.
- 结构牢固，可以从上下两端任意调整。Firm structure, coil core can be tuned by upside or downside.
- 频率范围：30MHz~300MHz。Frequency range: 30MHz~300MHz.
- 温度系数：150±100PPM/°C。Temperature coefficient: 150±100PPM/°C.
- 无铅产品，符合RoHS、REACH指令。Lead free, RoHS & REACH compliant.

产品应用 Applications

- RF调频、无线收发、安防领域。RF radio, wireless transceiver, security field.
- 无线电调频、TV接收器、发射装置。FM radio, TV receiver, transceiver.
- 汽车、无线通信、射频振荡电路应用。Car, wireless telecommunication and RF electronic application.

外形尺寸 Shape and Dimensions(unit:mm)



A	B	H	D	E	P
9.8 ± 0.2	9.8 ± 0.2	12.0 ± 0.5	0.65 ± 0.1	5.0 ± 1.0	9.8 ± 0.5

电气性能 Electrical Characteristics

产品编号 Part No.	颜色 Colour	中心电感值 L(Nom) (nH)	最小电感值 L(Min) (nH)	最大电感值 L(Max) (nH)	Q值 (Min)	测试频率 Test Freq MHz
MD-1012U-1.5TC-B	White(白)	28.0	25.0	31.0	50	100
MD-1012U-2.5TC-B	Red(红)	52.5	45.0	60.0	50	100
MD-1012U-3.5TC-B	Orange(橙)	80.5	67.0	94.0	50	100
MD-1012U-4.5TC-B	Yellow(黄)	115.5	95.0	136.0	50	100
MD-1012U-5.5TC-B	Green(绿)	159.0	132.0	186.0	50	100
MD-1012U-6.5TC-B	Blue(蓝)	203.0	167.0	239.0	50	100
MD-1012U-7.5TC-B	Violet(紫)	247.0	202.0	292.0	45	100
MD-1012U-8.5TC-B	Gray(灰)	290.5	240.0	341.0	45	100
MD-1012U-9.5TC-B	White(白)	341.0	289.0	393.0	45	100
MD-1012U-10.5TC-B	Red(红)	395.5	351.0	440.0	40	100

测试仪器 Testing Instrument: Q-METER171, Inductance-HP4191A

- 模压线圈的塑胶颜色可根据客户的要求生产。Tailor-made colour are welcome with molded coils.
- 同一型号模压线圈，如果需要增加电感值，可选用铁氧体磁芯。Ferrite core used can increase inductance value in the same item.