

MD-1012U-TS-B

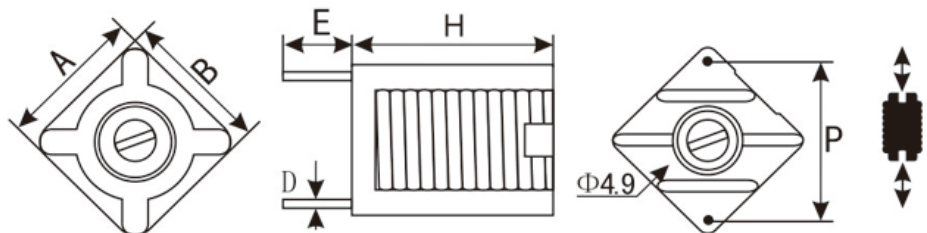
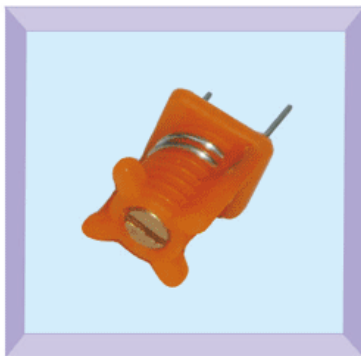
产品特性 Features

- 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-1.5TS-B	White(白)	25.5	22.0	29.0	55	100
MD-1012U-2.5TS-B	Red(红)	45.0	39.0	51.0	55	100
MD-1012U-3.5TS-B	Orange(橙)	60.5	48.0	73.0	55	100
MD-1012U-4.5TS-B	Yellow(黄)	81.5	67.0	96.0	50	100
MD-1012U-5.5TS-B	Green(绿)	106.5	87.0	126.0	50	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.