

MD-0709U-TS-F

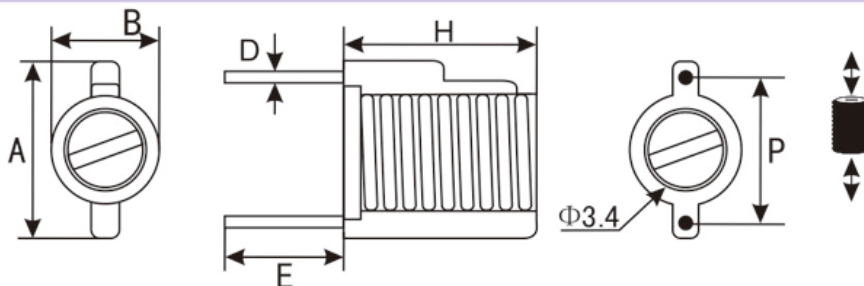
产品特性 Features

- 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，线圈为疏绕。Stable capability, winding type can be space 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~250MHz。Frequency range: 30MHz~250MHz.
- 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
8.5Max	5.0±0.2	9.0±0.3	0.5±0.1	5.0±1.0	6.5±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-0709U-1.5TS-F	White(白)	29.5	22.0	37.0	40	100
MD-0709U-2.5TS-F	Red(红)	53.0	35.0	71.0	40	100
MD-0709U-3.5TS-F	Orange(橙)	85.0	53.0	117.0	40	100
MD-0709U-4.5TS-F	Yellow(黄)	125.0	95.0	155.0	40	100
MD-0709U-5.5TS-F	Green(绿)	165.5	138.0	193.0	35	100
MD-0709U-6.5TS-F	Blue(蓝)	230.5	192.0	269.0	35	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，如果需要减小电感值，可选用铜芯。Brass core used can decrease inductance value in the same item.