

MD-0709AU-TS-F

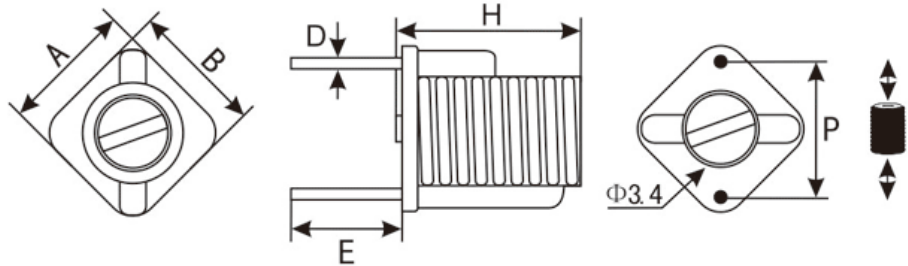
产品特性 Features

- 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 |
|---------|---------|---------|---------|---------|---------|
| 6.6±0.2 | 6.6±0.2 | 9.3±0.2 | 0.6±0.1 | 5.0±1.0 | 6.5±0.2 |

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-0709AU-1.5TS-F | White(白) | 22.0 | 14.0 | 30.0 | 40 | 100 |
| MD-0709AU-2.5TS-F | Red(红) | 55.0 | 35.0 | 75.0 | 40 | 100 |
| MD-0709AU-3.5TS-F | Orange(橙) | 89.0 | 57.0 | 121.0 | 40 | 100 |
| MD-0709AU-4.5TS-F | Yellow(黄) | 147.0 | 94.0 | 200.0 | 35 | 100 |
| MD-0709AU-5.5TS-F | Green(绿) | 219.0 | 140.0 | 298.0 | 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.