

MD-0705BU-TC-F

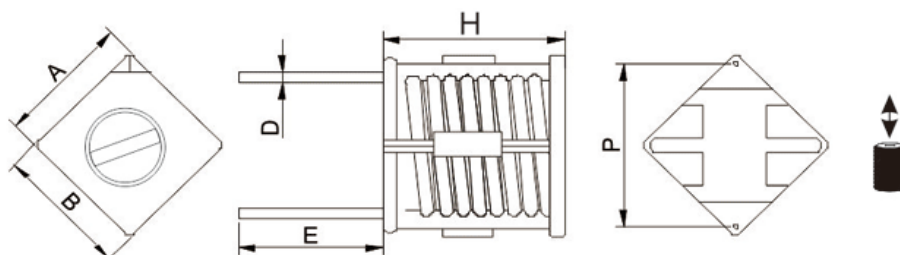
产品特性 Features

- 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，线圈为密绕。Stable capability, winding type can be close winding.
- 电感值可以调整。Adjustable inductance value.
- 结构牢固。Firm structure.
- 频率范围：30MHz~150MHz。Frequency range: 30MHz~150MHz.
- 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 |
|-----------|-----------|--------|-----------|-----------|-----------|
| 6.8 ± 0.2 | 7.3 ± 0.2 | 6.5Max | 0.4 ± 0.1 | 5.0 ± 1.0 | 6.1 ± 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-0705BU-1.5TC-F | White(白) | 26.5 | 20.0 | 33.0 | 55 | 100 |
| MD-0705BU-2.5TC-F | Red(红) | 53.0 | 37.0 | 69.0 | 55 | 100 |
| MD-0705BU-3.5TC-F | Orange(橙) | 89.5 | 61.0 | 118.0 | 50 | 100 |
| MD-0705BU-4.5TC-F | Yellow(黄) | 134.0 | 95.0 | 173.0 | 50 | 100 |
| MD-0705BU-5.5TC-F | Green(绿) | 186.5 | 135.0 | 238.0 | 50 | 100 |
| MD-0705BU-6.5TC-F | Blue(蓝) | 256.5 | 197.0 | 316.0 | 45 | 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.