

MD-0712BU-TS-B

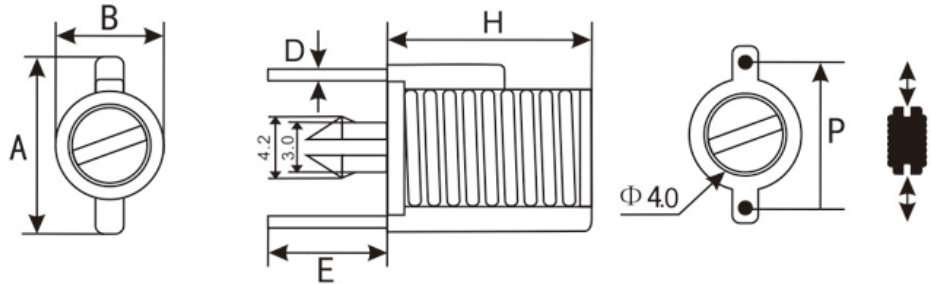
产品特性 Features

- 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~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 | F | P |
| 11.5 ± 0.2 | 6.8 ± 0.2 | 12.8 ± 0.5 | 0.7 ± 0.1 | 5.0 ± 1.0 | 4.5 ± 0.5 | 9.5 ± 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-0712BU-1.5TS-B | White(白) | 24.3 | 21.8 | 26.8 | 60 | 100 |
| MD-0712BU-2.5TS-B | Red(红) | 39.0 | 32.5 | 45.5 | 60 | 100 |
| MD-0712BU-3.5TS-B | Orange(橙) | 54.0 | 43.5 | 64.5 | 60 | 100 |
| MD-0712BU-4.5TS-B | Yellow(黄) | 71.0 | 57.5 | 84.5 | 50 | 100 |
| MD-0712BU-5.5TS-B | Green(绿) | 86.0 | 70.5 | 101.5 | 50 | 100 |
| MD-0712BU-6.5TS-B | Blue(蓝) | 109.0 | 92.5 | 125.5 | 40 | 100 |
| MD-0712BU-7.5TS-B | Violet(紫) | 130.5 | 110.5 | 150.5 | 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.