

## MDS-0413U-TC-B

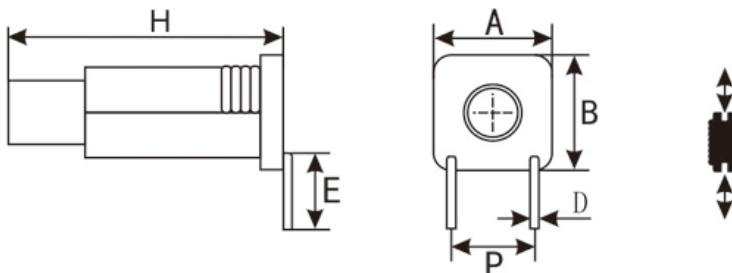
### 产品特性 Features

- 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.
- 电感值可以调整的贴片式模压线圈。The SMD molded coil can 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~350MHz。Frequency range: 30MHz~350MHz.
- 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
6.8Max	6.8Max	13.1±0.5	0.5±0.1	4.5±1.0	4.5±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
MDS-0413U-1.25TC-B	White(白)	32.0	30.7	33.3	50	100
MDS-0413U-2.25TC-B	Red(红)	42.0	40.3	43.7	50	100
MDS-0413U-3.25TC-B	Orange(橙)	66.0	63.4	68.6	50	100
MDS-0413U-4.25TC-B	Yellow(黄)	80.0	76.0	84.0	50	100
MDS-0413U-5.25TC-B	Green(绿)	112.0	106.5	117.5	45	100
MDS-0413U-6.25TC-B	Blue(蓝)	145.0	137.8	152.2	45	50
MDS-0413U-7.25TC-B	Violet(紫)	174.0	165.3	182.7	45	50
MDS-0413U-8.25TC-B	Gray(灰)	208.0	197.5	218.5	40	50
MDS-0413U-9.25TC-B	White(白)	270.5	256.5	284.5	40	50
MDS-0413U-10.25TC-B	Red(红)	310.0	291.5	328.5	40	50

……此款模压线圈可做1.25T~15.25T，电感量可达710.5nH(Max)

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.

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