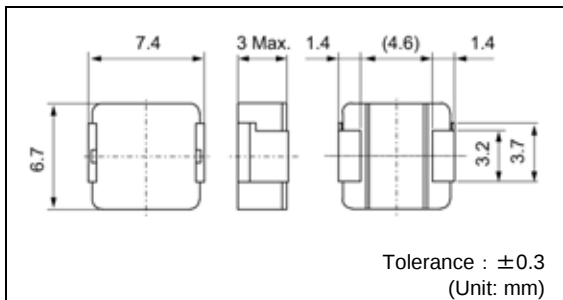
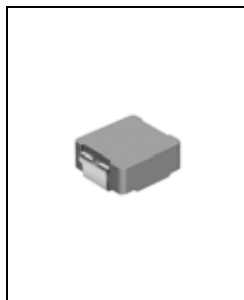
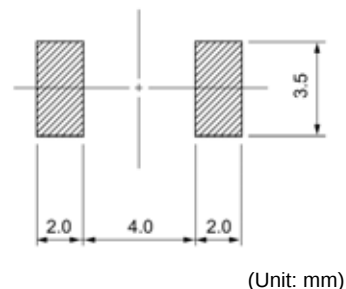


FDVE0630

Inductance Range: 0.16μH~10μH



Recommended patterns
推荐焊盘尺寸推奨



FEATURES 特点

- 7.4 × 6.7mm square and 3.0mm Max. height.
- Magnetically shielded construction, low DC resistance.
- The use of magnetic iron powder ensure capability for large current.
- Low audible core noise.
- Ideal for DC-DC converter applications.
- RoHS compliant. Halogen Free.
- 最大7.4 × 6.7毫米的平面，最大高度3.0毫米
- 磁性屏蔽结构，低直流电阻
- 使用合金系磁性粉，保证了大电流
- 低芯片噪音
- DC-DC转换器电感器的理想选择
- 符合RoHS指令，无卤素

TOKO STANDARD PART NUMBERS 东光标准零件号码

TYPE FDVE0630 (Quantity/reel; 1000 PCS)

东光零件号码	电感值 ⁽¹⁾	公差	最大直流电阻 ⁽²⁾	最大电感减小电流 ⁽³⁾	最大温度上升电流 ⁽⁴⁾
TOKO Part Number	Inductance ⁽¹⁾ (μH)	Tolerance (%)	DC Resistance ⁽²⁾ (mΩ) Max. (Typ.)	Inductance Decrease Current ⁽³⁾ (A) Max. (Typ.) $\frac{\Delta L}{L} = 20\%$	Temperature Rise Current ⁽⁴⁾ $\Delta T = 40^\circ\text{C}$ (A) Max. (Typ.)
FDVE0630-H-R16M	0.16	±20	1.6 (1.4)	19.4 (25.8)	20.7 (25.9)
FDVE0630-H-R33M	0.33	±20	2.7 (2.3)	15.9 (21.1)	16.9 (21.1)
FDVE0630-H-R47M	0.47	±20	3.7 (3.2)	15.6 (20.8)	14.1 (17.7)
FDVE0630-H-R68M	0.68	±20	6.0 (5.0)	10.4 (13.8)	11.9 (14.0)
FDVE0630-H-R75M	0.75	±20	6.2 (5.4)	10.9 (14.5)	10.7 (13.4)
FDVE0630-H-1R0M	1.0	±20	8.5 (7.4)	9.5 (12.7)	9.5 (11.9)
FDVE0630-H-1R5M	1.5	±20	12.1 (10.6)	8.1 (10.9)	8.0 (10.0)
FDVE0630-H-2R2M	2.2	±20	16.2 (14.0)	6.9 (9.3)	6.6 (8.3)
FDVE0630-H-3R3M	3.3	±20	25.4 (22.1)	5.3 (7.0)	5.3 (6.6)
FDVE0630-H-4R7M	4.7	±20	36.1 (31.3)	4.6 (6.2)	4.4 (5.5)
FDVE0630-H-6R8M	6.8	±20	54.2 (47.1)	3.4 (4.6)	3.6 (4.5)
FDVE0630-H-100M	10	±20	79.2 (68.9)	3.1 (4.1)	2.8 (3.6)

- (1) Inductance is measured with a LCR meter 4284A (Agilent Technologies) or equivalent.
Test frequency at 100kHz
- (2) DC resistance is measured with 34420A (Agilent Technologies) or 3541(HIOKI). (Reference ambient temperature 25°C)
- (3) Inductance Decrease Current based upon 20% inductance reduction from the initial value
- (4) Temperature Rise Current based upon 40°C temperature rise. (Reference ambient temperature 25°C)
- (5) Absolute maximum voltage 30VDC.

NOTICE: Please be sure that you carefully discuss your planned purchase with our sales division if you intend to use the product for business use etc. is severe.

- (1) LCR仪表4284A (Agilent技术) 或者功能相同的仪器在100kHz下测试电感值。
- (2) 通过数码万用表34420A (Agilent技术) 或者3541(HIOKI)测试直流电阻。(环境温度25°C)
- (3) 电感值降低电流是基于电感值从最初的值降低20%计算的。
- (4) 温度升高电流是基于温度上升40°C的基础上衡量的。(参考环境温度25°C)
- (5) 绝对最高电压30伏特。

注意：如果你准备使用该产品作为商业用途等，请确认你与我们的销售部仔细讨论了你的购买计划。