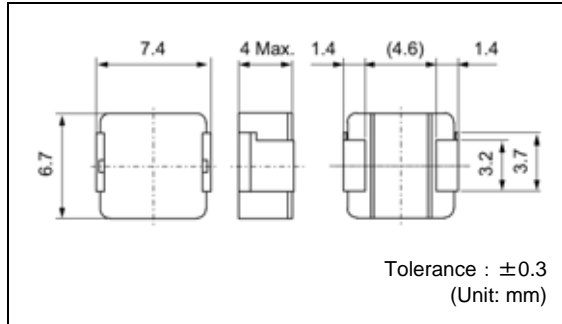
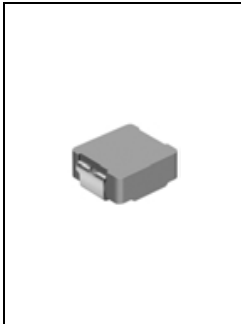
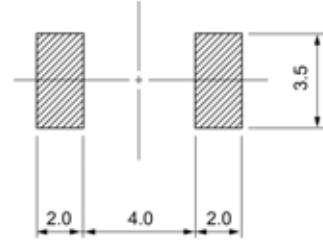


FDVE0640

Inductance Range: 1.5μH~4.7μH



Recommended patterns
推荐焊盘尺寸推荐



(Unit: mm)

FEATURES 特点

- 7.4 × 6.7mm square and 4.0mm 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4.0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 FDVE0640 (Quantity/reel; 1,000 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⁾ (A) Max. (Typ.) $\Delta T = 40^\circ\text{C}$
FDVE0640-H-1R5M	1.5	± 20	10.3 (8.8)	8.0 (10.6)	8.2 (10.2)
FDVE0640-H-2R2M	2.2	± 20	16.3 (13.9)	7.6 (10.1)	6.5 (8.1)
FDVE0640-H-3R3M	3.3	± 20	19.2 (16.7)	6.0 (8.1)	5.6 (7.0)
FDVE0640-H-4R7M	4.7	± 20	29.2 (25.4)	4.6 (6.2)	5.0 (6.3)

- (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.

- (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。(环境温度为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。(参考周围环境温度25°C)
- (5) 绝对最高电压30伏特。

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.

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详细讨论了你的购买计划。