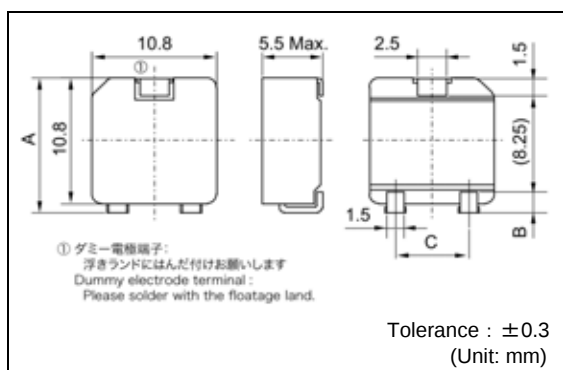
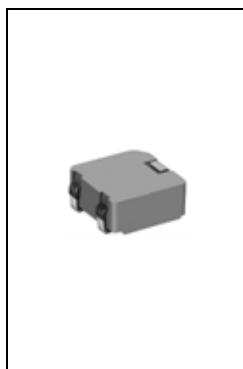
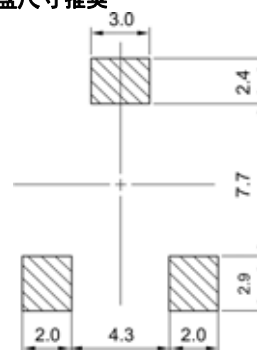


FDA1055

Inductance Range: 0.56~5.6μH



Recommended patterns 推荐焊盘尺寸推荐



(Unit: mm)

FEATURES 特点

- 11.6 × 10.8mm square and 5.5mm 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 in hand held personal computer and etc.
- RoHS compliant. Halogen Free.
- 最大11.6 × 10.8毫米的平面，最大高度5.5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 FDA1055 (Quantity/reel; 500 PCS)

东光零件号码	电感值 ⁽¹⁾	公差	最大直流电阻 ⁽²⁾	最大电感值减小电流 ⁽³⁾	最大温度上升电流 ⁽⁴⁾	尺寸 (mm)		
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.)	A	B	C
FDA1055-H-R56M	0.56	± 20	1.8 (1.42)	27.7 (36.9)	22.7 (28.4)	11.6	1.9	6.5
FDA1055-H-1R2M	1.2	± 20	2.9 (2.34)	20.0 (26.6)	17.9 (22.4)	11.6	1.9	6.5
FDA1055-H-1R5M	1.5	± 20	3.5 (2.80)	18.0 (24.0)	16.6 (20.8)	11.6	1.9	6.5
FDA1055-H-2R2M	2.2	± 20	4.8 (3.94)	15.5 (20.6)	13.6 (17.0)	11.4	1.7	6.4
FDA1055-H-3R3M	3.3	± 20	7.3 (5.92)	11.7 (15.6)	11.2 (14.0)	11.3	1.4	6.4
FDA1055-H-4R7M	4.7	± 20	11.0 (8.93)	9.9 (13.1)	9.1 (11.4)	11.3	1.4	6.4
FDA1055-H-5R6M	5.6	± 20	12.0 (9.9)	8.0 (10.6)	7.5 (9.4)	11.3	1.4	6.4

(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) 温度升高电流是在温度上升 40°C 的基础上衡量的。

(参考周围环境温度25℃)

(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。

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.