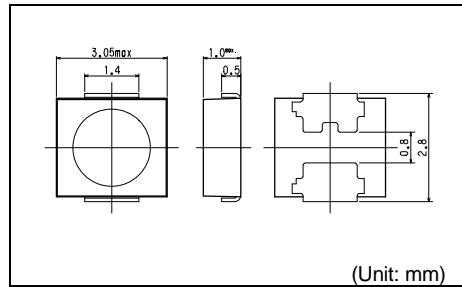
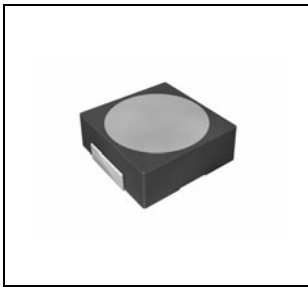
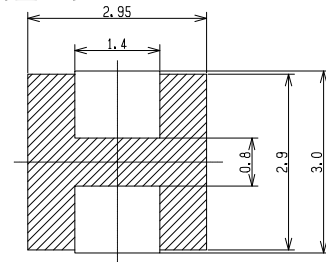


## D2810CB

Inductance Range: 1.5~100μH



### Recommended patterns 推荐焊盘尺寸



### FEATURES 特点

- Low profile (3.0×3.05mm Max.square, 1.0mm Max.height).
- Magnetically shielded construction and low DC resistance.
- Ideal for a variety of DC-DC converter inductor applications.(DVC,DSC,Cellular phone,PDA)
- RoHS compliant
- 薄型构造（最大3.0毫米×3.05毫米的平面，最大高度1.0毫米）
- 磁性屏蔽结构和低直流电阻
- 是适用于多种DC-DC转换器电感器的理想选择 (DVC, DSC, 手机, PDA)
- 符合RoHS指令

### TOKO STANDARD PART NUMBERS 东光标准零件号码

#### TYPE D2810CB (Magnetically Shielded, Quantity/reel; 2,000 PCS)

东光零件号码	电感值 <sup>(1)</sup>	公差	最大直流电阻 <sup>(2)</sup> (典型)	最大电感减小电流 <sup>(3)</sup> (典型)	最大温度上升电流 <sup>(3)</sup> (典型)
TOKO Part Number	Inductance <sup>(1)</sup> (μH)	Tolerance (%)	DC Resistance <sup>(2)</sup> +20%/−30% (mΩ)	Inductance Decrease Current <sup>(3)</sup> (A) Max. (Typ.) $\frac{\Delta L}{L} = 35\%$	Temperature Rise Current <sup>(3)</sup> ΔT=40°C (A) Max. (Typ.)
1156AS-1R5M	1.5	±20	72	1.10 (1.50)	1.80 (2.10)
1156AS-2R2M	2.2	±20	98	1.00 (1.30)	1.50 (1.80)
1156AS-3R3M	3.3	±20	140	0.80 (1.05)	1.20 (1.40)
1156AS-4R7M	4.7	±20	200	0.66 (0.87)	1.00 (1.20)
1156AS-6R8M	6.8	±20	300	0.52 (0.70)	0.77 (0.90)
1156AS-100M	10	±20	400	0.46 (0.62)	0.72 (0.84)
1156AS-150M	15	±20	580	0.37 (0.50)	0.60 (0.70)
1156AS-220M	22	±20	980	0.31 (0.42)	0.43 (0.50)
1156AS-330M	33	±20	1400	0.25 (0.34)	0.37 (0.43)
1156AS-470M	47	±20	2100	0.21 (0.28)	0.29 (0.34)
1156AS-101M	100	±20	4600	0.14 (0.19)	0.20 (0.23)

(1) Inductance is measured with a LCR meter 4284A\* or equivalent. Test frequency at 1MHz

(2) DC Resistance is measured with a Digital Multimeter TR6871 (ADVANTEST) or equivalent.

(3) Maximum allowable DC current is that which causes a 35% inductance reduction from the initial value, coil temperature to rise by 40°C whichever is smaller. (Reference ambient temperature 20°C)

(1) LCR仪表4284A \*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TR6871 (Advantest) 或者相类似的工具测试直流电阻。

(3) 允许最大直流电的范围是以下两者中比较小的一个：引起电感值从最初值降低35%，或者线圈温度升高40°C。（参考周围环境温度20°C）。

\* Agilent Technologies

\* Agilent Technologies