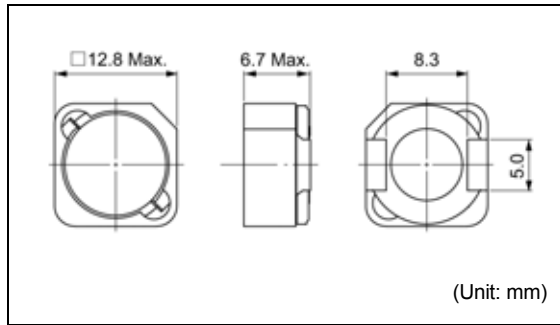
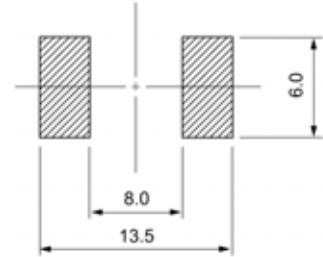


D126CT

Inductance Range: 1.3~47μH


Recommended patterns
 推荐焊盘尺寸

FEATURES 特点

- 12.8mm Max. square and 6.7mm Max. height.
- Magnetically shielded construction and low DC resistance.
- Suitable for large current.
- Ideal for DC-DC converter inductor applications.
- RoHS compliant.
- 最大12.8毫米的平面，最大高度6.7毫米
- 磁性屏蔽结构和低直流电阻
- 适合于大电流
- DC-DC转换器电感器的理想选择
- 符合RoHS指令

STANDARD PART NUMBERS 标准零件号码
TYPE D126CT (Quantity/reel; 500 PCS)

零件号码	电感值 ⁽¹⁾	公差	最大直流电阻 ⁽²⁾ (典型)	最大电感减小电流 ⁽³⁾ (典型)		最大温度上升电流 ⁽³⁾ (典型)
Part Number	Inductance ⁽¹⁾ (μH)	Tolerance (%)	DC Resistance ⁽²⁾ (mΩ) Max. (Typ.)	Inductance Decrease Current ⁽³⁾ (A) Max. (Typ.)		Temperature Rise Current ⁽³⁾ (A) Max. (Typ.)
				ΔL/L=10%	ΔL/L=30%	
989BS-1R3N=P3	1.3	± 30	3.8 (3.1)	15.0 (19.3)	19.4 (25.9)	13.0 (15.7)
989BS-2R1N=P3	2.1	± 30	4.6 (3.8)	11.0 (14.7)	14.9 (19.9)	12.0 (15.1)
989BS-3R1N=P3	3.1	± 30	5.6 (4.6)	9.1 (12.1)	12.3 (16.3)	10.0 (13.0)
989BS-4R3N=P3	4.3	± 30	5.9 (4.9)	7.8 (10.4)	10.5 (14.0)	9.6 (12.0)
989BS-5R6N=P3	5.6	± 30	8.1 (6.7)	6.8 (9.1)	9.2 (12.3)	8.9 (11.2)
989BS-7R5M=P3	7.5	± 20	14 (11)	6.2 (8.2)	8.1 (10.8)	6.4 (8.0)
989BS-9R2M=P3	9.2	± 20	15 (12)	5.5 (7.3)	7.2 (9.6)	6.1 (7.6)
989BS-110M=P3	11	± 20	17 (14)	5.0 (6.6)	6.5 (8.7)	5.8 (7.3)
989BS-270M=P3	27	± 20	33 (27)	3.1 (4.1)	4.2 (5.5)	4.2 (5.2)
989AS-470M=P3	47	± 20	41 (34)	2.0 (2.7)	2.7 (3.5)	3.7 (4.6)

(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) Maximum allowable DC current is that which causes a 10% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C)

(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) 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10%, 或者线圈温度升高40°C。(参考周围环境温度20°C)。