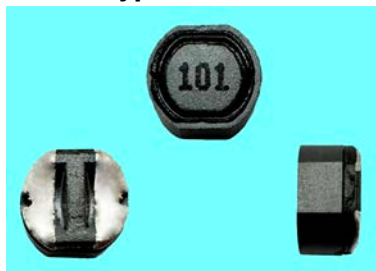
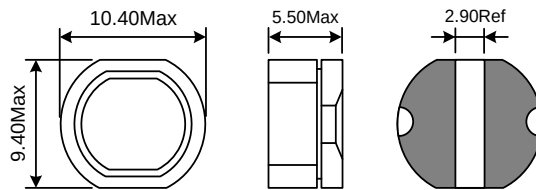




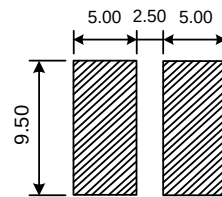
Type: FCB105



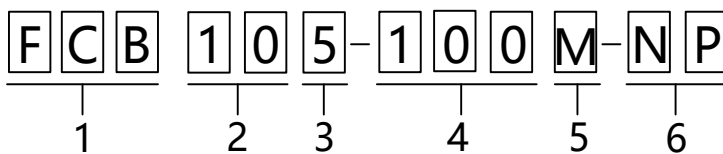
Dimensions外形尺寸 (mm)



Recommended Land Pattern (mm)



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型 : FCB (Shielded/屏蔽)
2. Body length/產品長度 : mm
3. Body height/產品高度 : mm
4. Inductance/感量 : μH
5. Tolerance/公差 : $M \pm 20\%$
6. RoHS Compliant(SGS Certified)

本產品滿足環境保護要求(有害物質限用)



FEATURES:

- Quantity/reel:500PCS.
- Rotundity 10.40mm Max,Height 5.50mm Max.
- Magnetically shielded construction.
- Suitable for reflow soldering.
- Widely use in DC-DC converter/LCD TV/Notebook/PDA/Digital camera/Portable CDR-W etc.

特長:

- 數量/卷:500PCS.
- 圓形10.40mm Max,高度5.50mm Max.
- 閉磁路構造設計.
- 適用於回流焊SMT工藝.
- 廣泛應用於升降壓轉換器/液晶電視/筆記本電腦/個人掌上記事本/數碼相機/便攜式光碟機等.

ELECTRICAL CHARACTERISTICS/電氣特性

Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FCB105-100	10	M	0.06	2.06
FCB105-120	12	M	0.07	1.94
FCB105-150	15	M	0.07	1.72
FCB105-180	18	M	0.08	1.58
FCB105-220	22	M	0.08	1.42
FCB105-270	27	M	0.10	1.32
FCB105-330	33	M	0.11	1.16
FCB105-390	39	M	0.12	1.10
FCB105-470	47	M	0.14	1.00
FCB105-560	56	M	0.19	0.93
FCB105-680	68	M	0.21	0.85
FCB105-820	82	M	0.28	0.79
FCB105-101	100	M	0.34	0.72
FCB105-121	120	M	0.37	0.63
FCB105-151	150	M	0.51	0.55
FCB105-181	180	M	0.57	0.50
FCB105-221	220	M	0.78	0.47
FCB105-271	270	M	0.87	0.41
FCB105-331	330	M	1.20	0.37
FCB105-391	390	M	1.34	0.35
FCB105-471	470	M	1.50	0.33

Inductance Range/電感範圍:10~470 μH

Operating Temperature/工作溫度: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Storage Temperature/儲存溫度: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

(1) Test frequency:1KHz/0.25V;

(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 10%, or temperature to rise by 40°C , whichever is smaller (At ambient reference temperature: 25°C).

(1) 電感測試頻率:1KHz/0.25V;

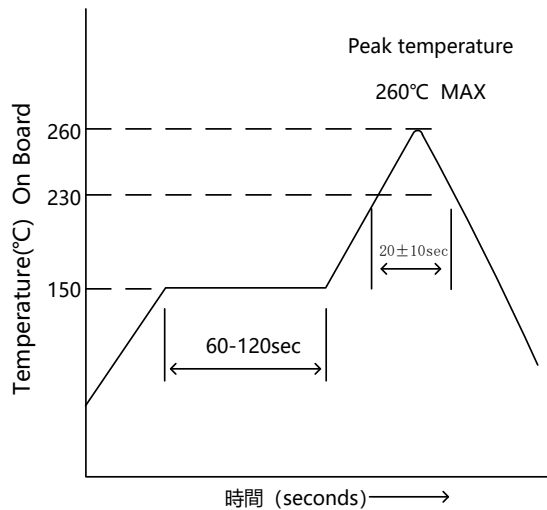
(2) 最大容許電流定義:電感下降10%或溫度上升 40°C 時,取其小值作為最大容許電流(周圍環境溫度 25°C).



Electrical Schematic/原理圖



Recommended Temperature Conditions of Air Reflow Soldering/推薦回流焊溫度條件



In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

除了這裡顯示的標準品之外,可根據客戶要求進行設計.

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