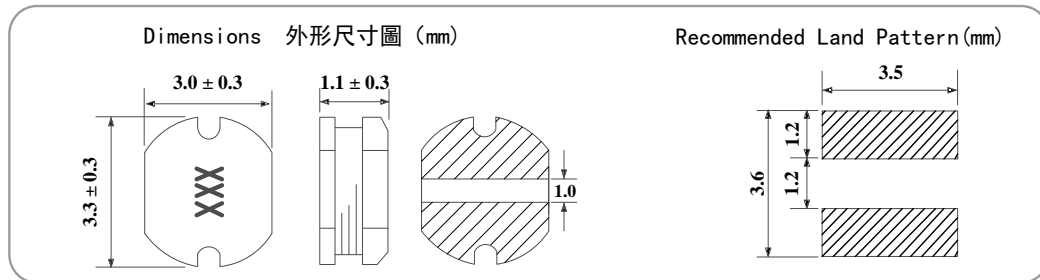
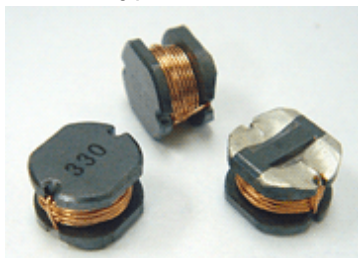
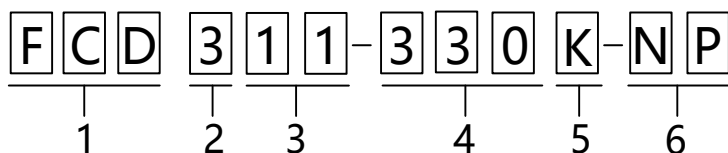




Type: FCD311



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型 : FCD (Unshielded/無屏蔽)
2. Body length/產品長度 : mm
3. Body height/產品高度 : mm
4. Inductance/感量 :  $\mu\text{H}$
5. Tolerance/公差 : K  $\pm 10\%$ , 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:3000PCS.
- Rotundity 3.3mm type(3.6mm Max),Height 1.1mm TYP.
- Carrier tape is used for SMT.
- 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:3000PCS.
- 圓形3.3mm(3.6mm Max),高度1.1mm TYP.
- 使用載帶包裝運用於SMT.
- 適用於回流焊SMT工藝.
- 廣泛應用於升降壓轉換器/液晶顯示器/筆記本電腦/個人掌上記事本/數碼相機/便攜式光碟機.

ELECTRICAL CHARACTERISTICS/電氣特性

Part NO. 品名	Inductance 電感量( $\mu\text{H}$ )	Tolerance 公差(%)	DC Resistance 直流電阻Max( $\Omega$ )	Rated Current 額定電流(A)
FCD311-1R0	1.0	M	0.11	0.90
FCD311-2R2	2.2	M	0.14	1.14
FCD311-3R3	3.3	M	0.21	0.85
FCD311-3R9	3.9	M	0.26	0.84
FCD311-4R7	4.7	M	0.30	0.83
FCD311-5R6	5.6	M	0.37	0.80
FCD311-6R8	6.8	M	0.38	0.72
FCD311-8R2	8.2	M	0.55	0.80
FCD311-100	10	M	0.55	0.75
FCD311-120	12	M	0.75	0.70
FCD311-150	15	M	0.80	0.64
FCD311-180	18	M	1.00	0.50
FCD311-220	22	M	1.50	0.42
FCD311-330	33	K	1.80	0.35
FCD311-390	39	K	3.00	0.32
FCD311-470	47	K	2.50	0.30
FCD311-560	56	K	3.00	0.28
FCD311-680	68	K	4.00	0.25
FCD311-101	100	K	6.50	0.20

Inductance Range/電感範圍:1.0~100  $\mu\text{H}$

Operating Temperature/工作溫度:-40°C ~ +125°C

Storage Temperature/儲存溫度:-40°C ~ +125°C

(1) Test frequency :1.0~10  $\mu\text{H}$  at 100KHz/0.25V;  
12~100 $\mu\text{H}$  at 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1.0~10  $\mu\text{H}$ 在100KHz/0.25V;  
12~100 $\mu\text{H}$ 在1kHz/0.25V.

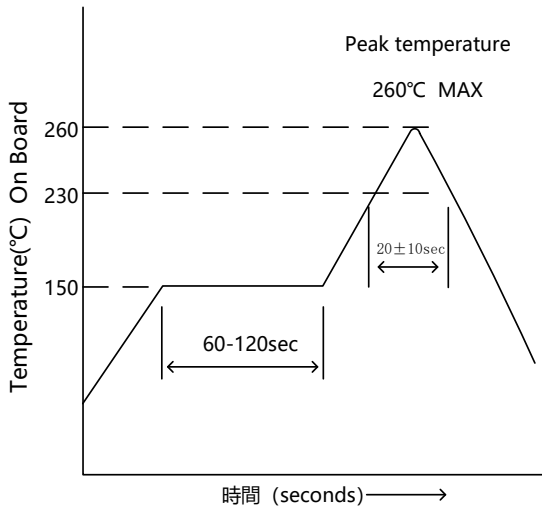
(2) 最大容許電流定義:電感下降10%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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