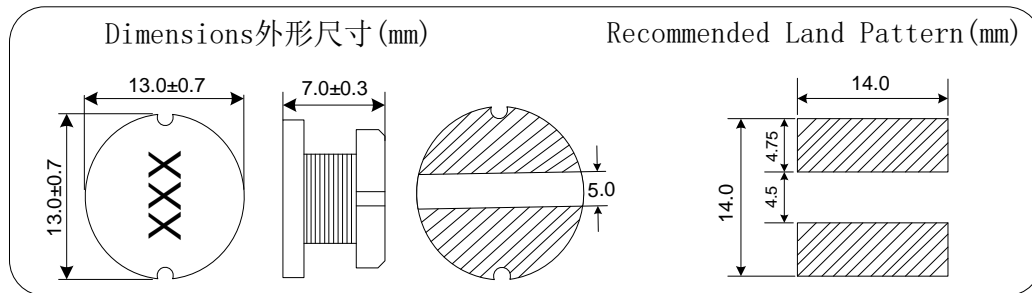
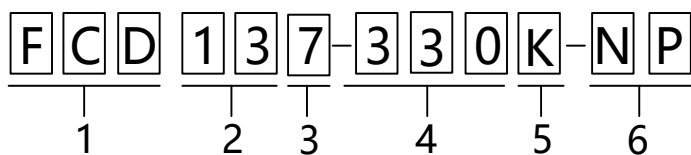




Type: FCD137



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 : μH
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:400PCS.
- Rotundity 13.0mm type(13.7mm Max),Height 7.0mm 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:400PCS.
- 圓形13.0mm(13.7mm Max),高度7.0mm 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(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FCD137-1R5	1.5	M	0.005	9.50
FCD137-2R2	2.2	M	0.006	9.00
FCD137-2R7	2.7	M	0.008	8.20
FCD137-3R3	3.3	M	0.009	7.50
FCD137-4R7	4.7	M	0.012	7.00
FCD137-5R6	5.6	M	0.015	6.50
FCD137-6R8	6.8	M	0.017	6.00
FCD137-8R2	8.2	M	0.019	5.80
FCD137-100	10	M	0.023	5.60
FCD137-120	12	M	0.030	4.80
FCD137-150	15	M	0.034	4.50
FCD137-180	18	M	0.040	4.20
FCD137-220	22	M	0.047	3.60
FCD137-270	27	M	0.060	3.30
FCD137-330	33	K	0.070	3.10
FCD137-390	39	K	0.075	2.90
FCD137-470	47	K	0.082	2.70
FCD137-560	56	K	0.112	2.50
FCD137-680	68	K	0.120	2.30
FCD137-820	82	K	0.140	2.10
FCD137-101	100	K	0.180	1.90
FCD137-121	120	K	0.230	1.80
FCD137-151	150	K	0.260	1.60
FCD137-181	180	K	0.350	1.50

Inductance Range/電感範圍:1.5~1000 μH

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

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

(1) Test frequency :100KHz/0.1V;

(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:100KHz/0.1V;

(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).

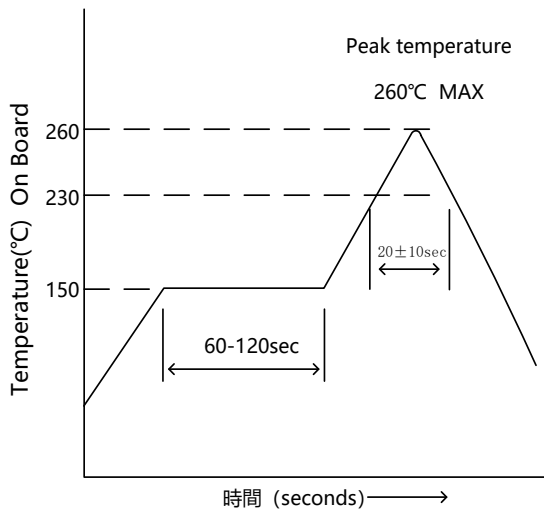


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FCD137-221	220	K	0.38	1.30
FCD137-271	270	K	0.48	1.20
FCD137-331	330	K	0.52	1.10
FCD137-391	390	K	0.65	1.00
FCD137-471	470	K	0.80	0.90
FCD137-561	560	K	1.10	0.85
FCD137-681	680	K	1.15	0.80
FCD137-821	820	K	1.60	0.75
FCD137-102	1000	K	1.70	0.65

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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