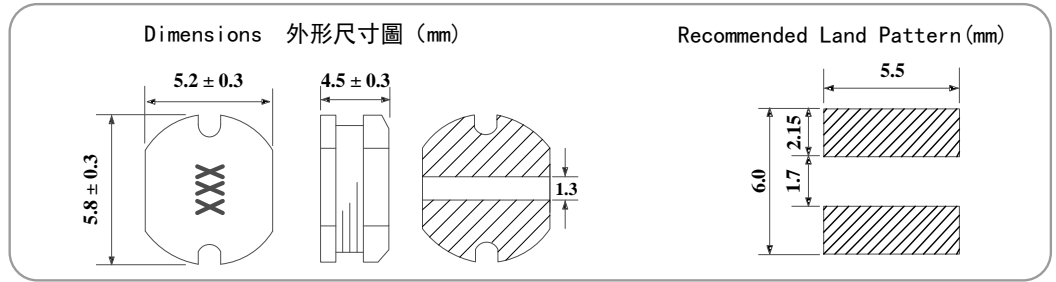
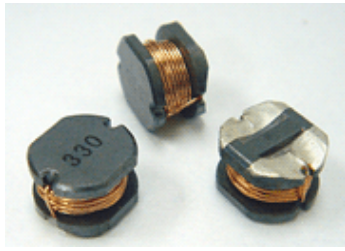
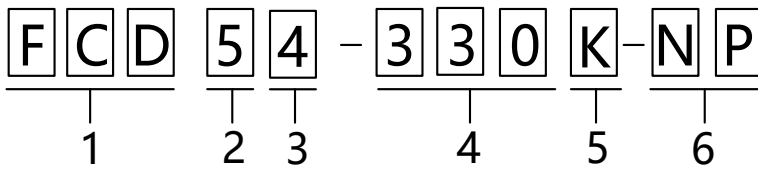




Type: FCD54



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:1500PCS.
- Rotundity 5.8mm type(6.1mm Max),Height 4.5mm 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:1500PCS.
- 圓形5.8mm(6.1mm Max),高度4.5mm 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)
FCD54-1R0	1.0	M	0.015	5.90
FCD54-1R2	1.2	M	0.020	5.20
FCD54-1R5	1.5	M	0.025	4.70
FCD54-1R8	1.8	M	0.030	4.00
FCD54-2R2	2.2	M	0.035	3.80
FCD54-2R7	2.7	M	0.040	3.40
FCD54-3R3	3.3	M	0.045	3.30
FCD54-3R9	3.9	M	0.050	2.90
FCD54-4R7	4.7	M	0.060	2.80
FCD54-5R6	5.6	M	0.070	2.40
FCD54-6R8	6.8	M	0.080	2.10
FCD54-8R2	8.2	M	0.090	2.00
FCD54-100	10	M	0.10	1.44
FCD54-120	12	M	0.12	1.40
FCD54-150	15	M	0.14	1.30
FCD54-180	18	M	0.15	1.23
FCD54-220	22	M	0.18	1.11
FCD54-270	27	M	0.20	0.97
FCD54-330	33	K	0.23	0.88
FCD54-390	39	K	0.32	0.80
FCD54-470	47	K	0.37	0.72
FCD54-560	56	K	0.42	0.68
FCD54-680	68	K	0.46	0.61
FCD54-820	82	K	0.60	0.58
FCD54-101	100	K	0.70	0.52
FCD54-121	120	K	0.93	0.48

Inductance Range/電感範圍:1.0~1000 μH

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

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

(1) Test frequency :1.0~10 μH at 100KHz/0.25V;
12~1000 μH 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).

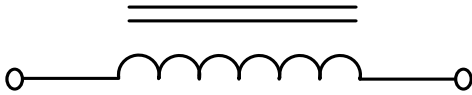
(1) 電感測試頻率:1.0~10 μH 在100KHz/0.25V;
12~1000 μH 在1kHz/0.25V.

(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).

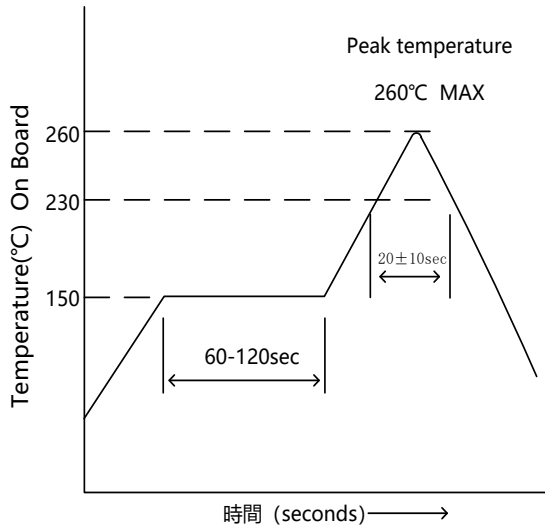


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FCD54-151	150	K	1.10	0.40
FCD54-181	180	K	1.38	0.38
FCD54-221	220	K	1.57	0.35
FCD54-271	270	K	1.65	0.32
FCD54-331	330	K	1.70	0.28
FCD54-391	390	K	1.80	0.26
FCD54-471	470	K	2.30	0.23
FCD54-561	560	K	2.50	0.20
FCD54-681	680	K	3.00	0.19
FCD54-821	820	K	4.50	0.16
FCD54-102	1000	K	4.80	0.14

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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