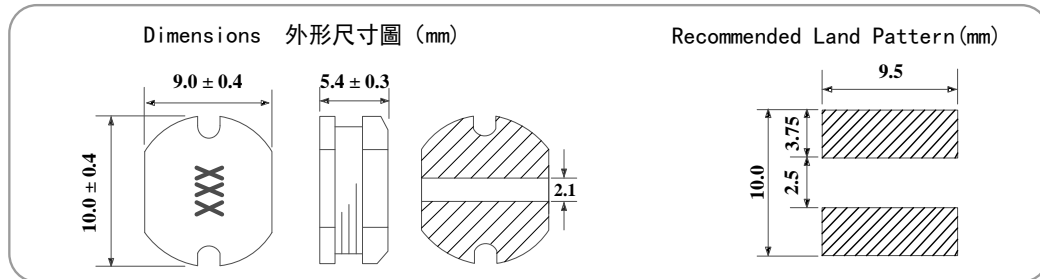
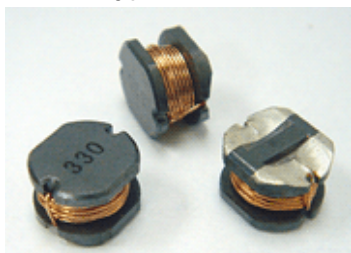
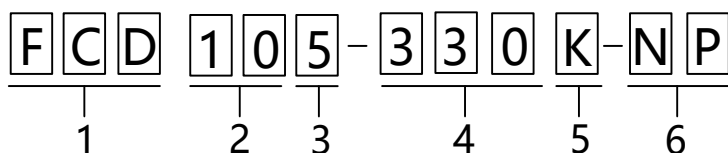




Type: FCD105



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:1000PCS.
- Rotundity 10.0mm type(10.4mm Max),Height 5.4mm 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:1000PCS.
- 圓形10.0mm(10.4mm Max),高度5.4mm 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)
FCD105-2R2	2.2	M	0.020	5.00
FCD105-3R3	3.3	M	0.028	4.50
FCD105-4R7	4.7	M	0.036	4.00
FCD105-5R6	5.6	M	0.040	3.70
FCD105-100	10	M	0.06	2.60
FCD105-120	12	M	0.07	2.45
FCD105-150	15	M	0.08	2.27
FCD105-180	18	M	0.09	2.15
FCD105-220	22	M	0.10	1.95
FCD105-270	27	M	0.11	1.76
FCD105-330	33	K	0.12	1.50
FCD105-390	39	K	0.14	1.37
FCD105-470	47	K	0.17	1.28
FCD105-560	56	K	0.19	1.17
FCD105-680	68	K	0.22	1.11
FCD105-820	82	K	0.25	1.00
FCD105-101	100	K	0.35	0.97
FCD105-121	120	K	0.40	0.89
FCD105-151	150	K	0.47	0.78
FCD105-181	180	K	0.63	0.72
FCD105-221	220	K	0.73	0.66
FCD105-271	270	K	0.97	0.57
FCD105-331	330	K	1.15	0.52
FCD105-391	390	K	1.30	0.48

Inductance Range/電感範圍:2.2~2000 μH

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

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

(1) Test frequency :2.2~10 μH at 100KHz/0.25V;
12~2000 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:2.2~10 μH 在100KHz/0.25V;
12~2000 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).

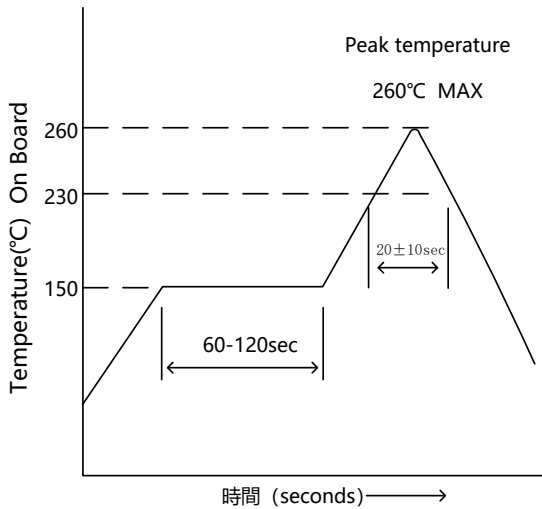


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FCD105-471	470	K	1.48	0.42
FCD105-561	560	K	1.90	0.33
FCD105-681	680	K	2.25	0.28
FCD105-821	820	K	2.55	0.24
FCD105-102	1000	K	3.56	0.21
FCD105-152	1500	K	5.30	0.17
FCD105-202	2000	K	7.60	0.15

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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