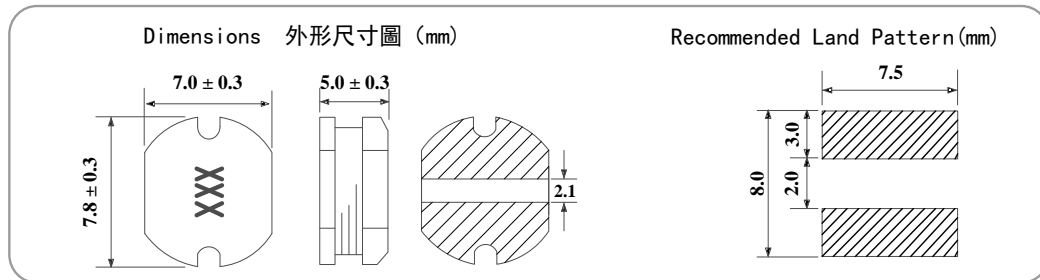
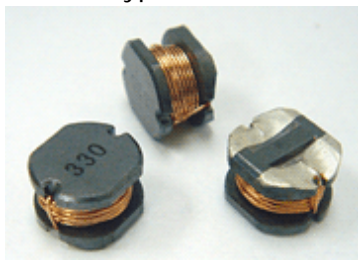
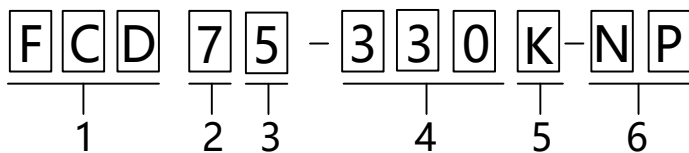




Type: FCD75



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 7.8mm type(8.1mm Max),Height 5.0mm 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:1000PCS.
- 圓形7.8mm(8.1mm Max),高度5.0mm 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)
FCD75-1R0	1.0	M	0.023	4.80
FCD75-1R5	1.5	M	0.023	4.70
FCD75-1R8	1.8	M	0.025	4.20
FCD75-2R2	2.2	M	0.026	3.80
FCD75-2R7	2.7	M	0.026	3.75
FCD75-3R3	3.3	M	0.027	3.59
FCD75-3R9	3.9	M	0.028	3.48
FCD75-4R7	4.7	M	0.030	3.00
FCD75-5R6	5.6	M	0.035	2.50
FCD75-6R8	6.8	M	0.040	2.45
FCD75-8R2	8.2	M	0.048	2.48
FCD75-100	10	M	0.070	2.30
FCD75-120	12	M	0.080	2.00
FCD75-150	15	M	0.090	1.80
FCD75-180	18	M	0.100	1.60
FCD75-220	22	M	0.110	1.50
FCD75-270	27	M	0.120	1.30
FCD75-330	33	K	0.130	1.20
FCD75-390	39	K	0.160	1.10
FCD75-470	47	K	0.180	1.10
FCD75-560	56	K	0.240	0.94
FCD75-680	68	K	0.280	0.85
FCD75-820	82	K	0.370	0.78
FCD75-101	100	K	0.430	0.72
FCD75-121	120	K	0.470	0.66

Inductance Range/電感範圍:1.0~4700 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;
12~4700 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;
12~4700 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).

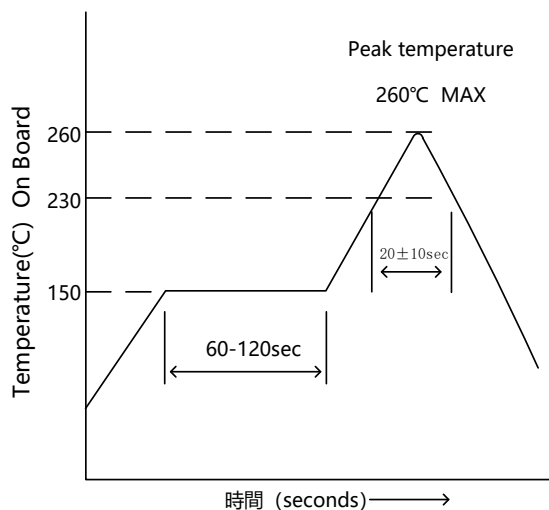


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FCD75-151	150	K	0.64	0.58
FCD75-181	180	K	0.71	0.51
FCD75-221	220	K	0.96	0.49
FCD75-271	270	K	1.11	0.42
FCD75-331	330	K	1.26	0.40
FCD75-391	390	K	1.77	0.36
FCD75-471	470	K	1.96	0.34
FCD75-561	560	K	2.03	0.20
FCD75-681	680	K	2.35	0.18
FCD75-821	820	K	2.50	0.17
FCD75-102	1000	K	4.00	0.15
FCD75-122	1200	K	6.80	0.14
FCD75-152	1500	K	8.00	0.13
FCD75-182	1800	K	9.20	0.11
FCD75-222	2200	K	10.00	0.10
FCD75-272	2700	K	11.80	0.09
FCD75-332	3300	K	16.50	0.07
FCD75-392	3900	K	18.00	0.06
FCD75-472	4700	K	21.00	0.05

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.

www.fonrita.com