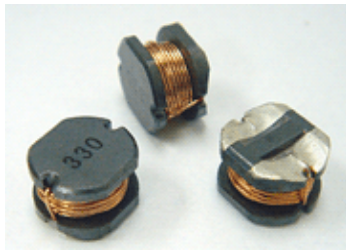
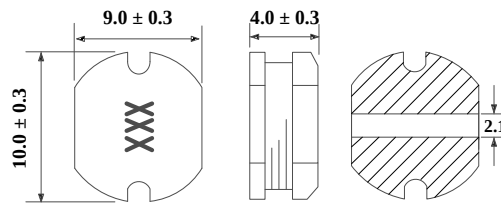




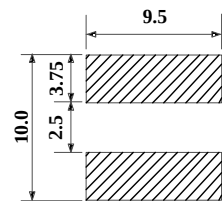
Type: FCD104



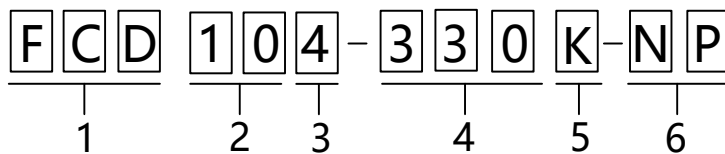
Dimensions 外形尺寸圖 (mm)



Recommended Land Pattern (mm)



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(10.3mm Max),Height 4.0mm 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10.0mm(10.3mm Max),高度4.0mm 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)
FCD104-1R8	1.8	M	0.017	4.85
FCD104-2R2	2.2	M	0.017	4.84
FCD104-3R3	3.3	M	0.030	3.00
FCD104-4R7	4.7	M	0.040	3.12
FCD104-5R6	5.6	M	0.045	3.10
FCD104-6R8	6.8	M	0.047	2.80
FCD104-8R2	8.2	M	0.048	2.75
FCD104-100	10	K	0.050	2.38
FCD104-120	12	K	0.06	2.13
FCD104-150	15	K	0.07	1.87
FCD104-180	18	K	0.08	1.73
FCD104-220	22	K	0.09	1.60
FCD104-270	27	K	0.10	1.44
FCD104-330	33	K	0.12	1.26
FCD104-390	39	K	0.15	1.20
FCD104-470	47	K	0.17	1.10
FCD104-560	56	K	0.20	1.01
FCD104-680	68	K	0.22	0.91
FCD104-820	82	K	0.25	0.85
FCD104-101	100	K	0.34	0.74
FCD104-121	120	K	0.40	0.69
FCD104-151	150	K	0.54	0.61
FCD104-181	180	K	0.62	0.56
FCD104-221	220	K	0.72	0.53

Inductance Range/電感範圍:1.8~1000 μH

Operating Temperature/工作溫度: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Storage Temperature/儲存溫度: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

(1) Test frequency :1.8~10 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:1.8~10 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).

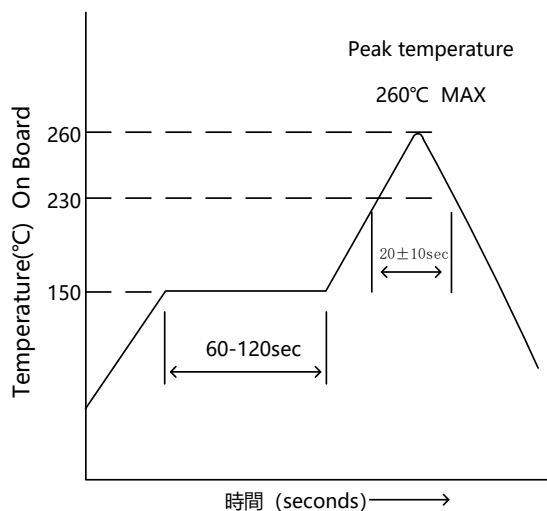


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FCD104-271	270	K	0.95	0.45
FCD104-331	330	K	1.10	0.42
FCD104-391	390	K	1.24	0.38
FCD104-471	470	K	1.53	0.35
FCD104-561	560	K	1.90	0.32
FCD104-102	1000	K	3.86	0.18

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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