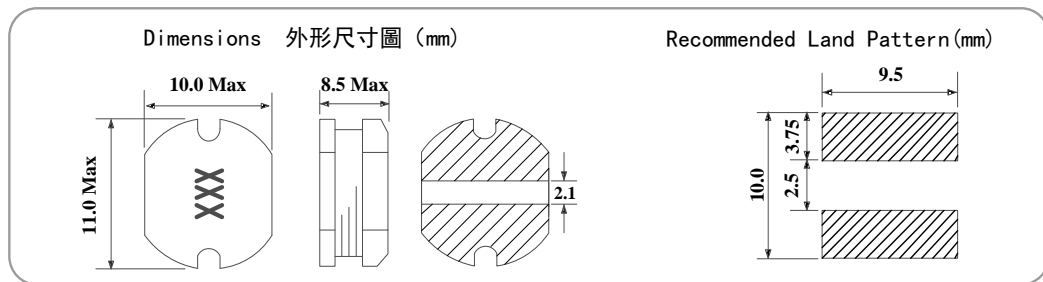
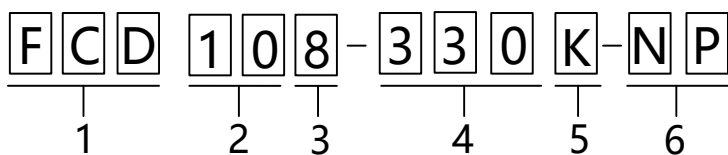




Type: FCD108



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 :  $\mu\text{H}$
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:500PCS.
- Rotundity 11.0mm Max,Height 8.5mm Max.
- 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:500PCS.
- 圓形11.0mm Max,高度8.5mm Max.
- 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( $\mu\text{H}$ )	Tolerance 公差(%)	DC Resistance 直流電阻Max( $\Omega$ )	Rated Current 額定電流Max(A)
FCD108-6R8	6.8	M	0.028	5.00
FCD108-100	10	M	0.036	4.05
FCD108-120	12	M	0.038	3.60
FCD108-150	15	M	0.040	3.34
FCD108-180	18	M	0.050	3.05
FCD108-220	22	M	0.060	2.80
FCD108-270	27	M	0.070	2.50
FCD108-330	33	K	0.080	2.40
FCD108-390	39	K	0.090	2.20
FCD108-470	47	K	0.110	2.00
FCD108-560	56	K	0.120	1.90
FCD108-680	68	K	0.150	1.80
FCD108-820	82	K	0.190	1.60
FCD108-101	100	K	0.230	1.50
FCD108-121	120	K	0.320	1.40
FCD108-151	150	K	0.37	1.30
FCD108-181	180	K	0.42	1.20
FCD108-221	220	K	0.44	1.00
FCD108-271	270	K	0.55	0.95
FCD108-331	330	K	0.60	0.90
FCD108-391	390	K	0.67	0.80
FCD108-471	470	K	0.88	0.70
FCD108-561	560	K	1.04	0.65
FCD108-681	680	K	1.18	0.60

Inductance Range/電感範圍:6.8~1200  $\mu\text{H}$

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

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

(1) Test frequency :6.8~10  $\mu\text{H}$  at 100KHz/0.25V;  
12~1200 $\mu\text{H}$  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:6.8~10  $\mu\text{H}$ 在100KHz/0.25V;  
12~1200 $\mu\text{H}$ 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).

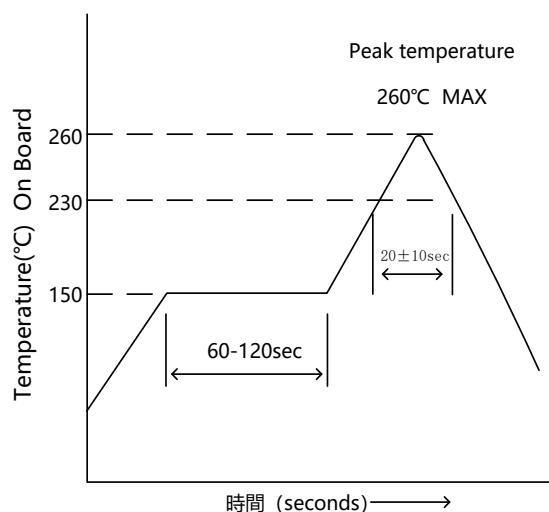


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FCD108-821	820	K	1.38	0.50
FCD108-102	1000	K	1.74	0.48
FCD108-122	1200	K	1.92	0.38

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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