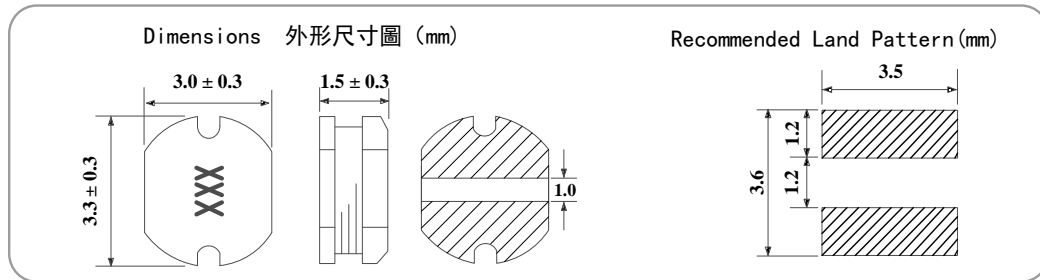
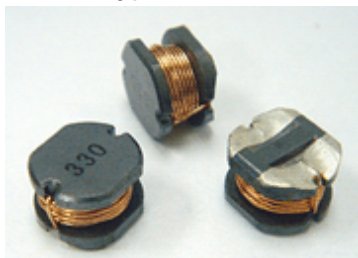
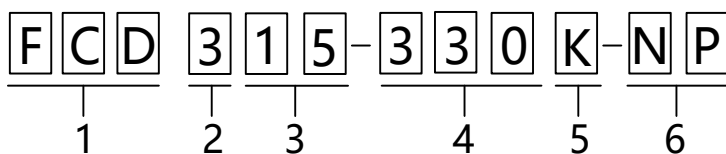




Type: FCD315



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:3000PCS.
- Rotundity 3.3mm type(3.6mm Max),Height 1.5mm 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:3000PCS.
- 圓形3.3mm(3.6mm Max),高度1.5mm 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)
FCD315-1R0	1.0	M	0.06	1.60
FCD315-1R5	1.5	M	0.13	1.55
FCD315-2R2	2.2	M	0.13	1.20
FCD315-3R3	3.3	M	0.14	0.90
FCD315-4R7	4.7	M	0.19	0.65
FCD315-5R6	5.6	M	0.26	0.60
FCD315-6R8	6.8	M	0.27	0.55
FCD315-8R2	8.2	M	0.36	0.50
FCD315-100	10	M	0.39	0.45
FCD315-120	12	M	0.45	0.42
FCD315-150	15	M	0.75	0.30
FCD315-180	18	M	0.76	0.29
FCD315-220	22	M	0.92	0.25
FCD315-270	27	M	1.12	0.23
FCD315-330	33	K	1.43	0.20
FCD315-470	47	K	1.69	0.17
FCD315-560	56	K	2.08	0.15
FCD315-680	68	K	2.86	0.13
FCD315-820	82	K	3.25	0.13
FCD315-101	100	K	3.55	0.12
FCD315-121	120	K	4.55	0.12
FCD315-151	150	K	5.35	0.12
FCD315-181	180	K	7.15	0.12
FCD315-221	220	K	8.32	0.12

Inductance Range/電感範圍:1.0~1500 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;
12~1500 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).

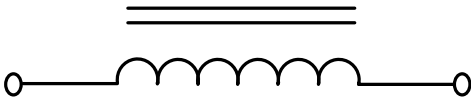
(1) 電感測試頻率:1.0~10 μH 在100KHz/0.25V;
12~1500 μH 在 1kHz/0.25V.

(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).

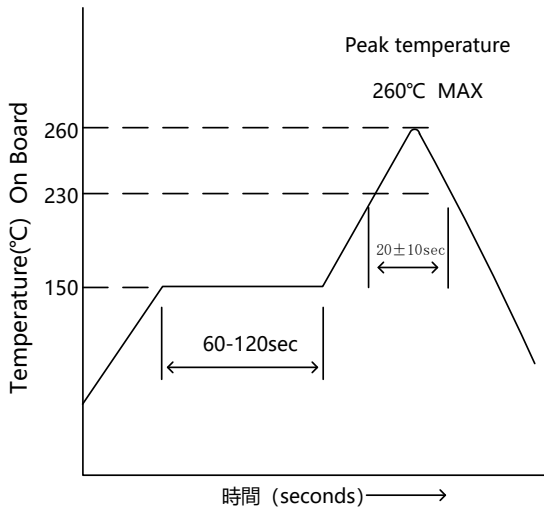


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FCD315-271	270	K	12.61	0.11
FCD315-331	330	K	14.56	0.10
FCD315-391	390	K	16.12	0.09
FCD315-471	470	K	18.20	0.09
FCD315-681	680	K	36.01	0.08
FCD315-102	1000	K	44.20	0.06
FCD315-122	1200	K	49.40	0.05
FCD315-152	1500	K	58.50	0.04

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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