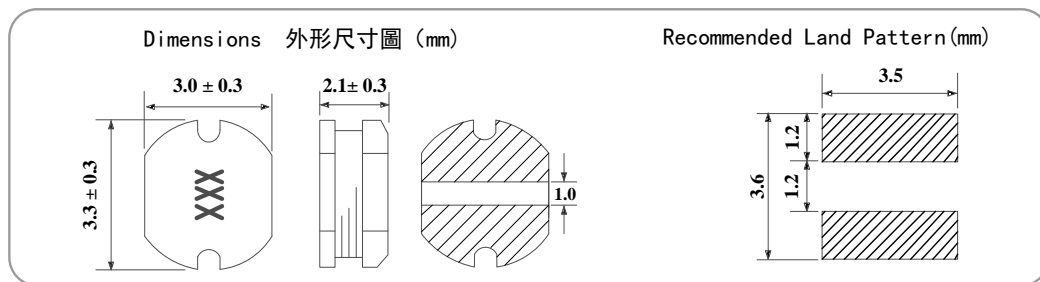
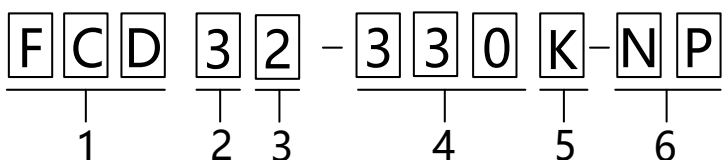




Type: FCD32



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 2.1mm 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2.1mm 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)
FCD32-1R0	1.0	M	0.045	2.20
FCD32-1R2	1.2	M	0.050	2.10
FCD32-1R5	1.5	M	0.055	1.70
FCD32-1R8	1.8	M	0.070	1.65
FCD32-2R2	2.2	M	0.085	1.60
FCD32-2R7	2.7	M	0.100	1.40
FCD32-3R3	3.3	M	0.120	1.05
FCD32-3R9	3.9	M	0.125	1.00
FCD32-4R7	4.7	M	0.135	1.00
FCD32-5R6	5.6	M	0.145	0.95
FCD32-6R8	6.8	M	0.20	0.95
FCD32-8R2	8.2	M	0.25	0.92
FCD32-100	10	M	0.32	0.90
FCD32-120	12	M	0.35	0.85
FCD32-150	15	M	0.46	0.75
FCD32-180	18	M	0.52	0.70
FCD32-220	22	K	0.65	0.60
FCD32-270	27	K	0.75	0.55
FCD32-330	33	K	0.92	0.50
FCD32-390	39	K	1.00	0.48
FCD32-470	47	K	1.15	0.45
FCD32-560	56	K	1.50	0.30
FCD32-680	68	K	2.00	0.26
FCD32-820	82	K	2.15	0.23

Inductance Range/電感範圍:1.0~330 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;
12~330 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;
12~330 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).

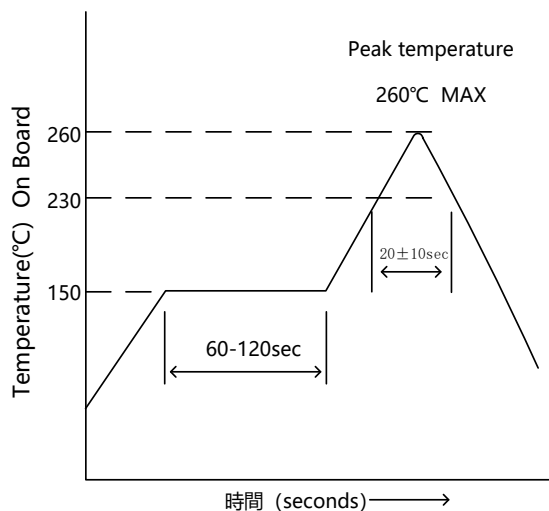


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FCD32-101	100	K	2.50	0.20
FCD32-121	120	K	3.40	0.18
FCD32-151	150	K	4.20	0.16
FCD32-181	180	K	4.50	0.15
FCD32-221	220	K	5.10	0.14
FCD32-271	270	K	8.50	0.10
FCD32-331	330	K	9.50	0.09

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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