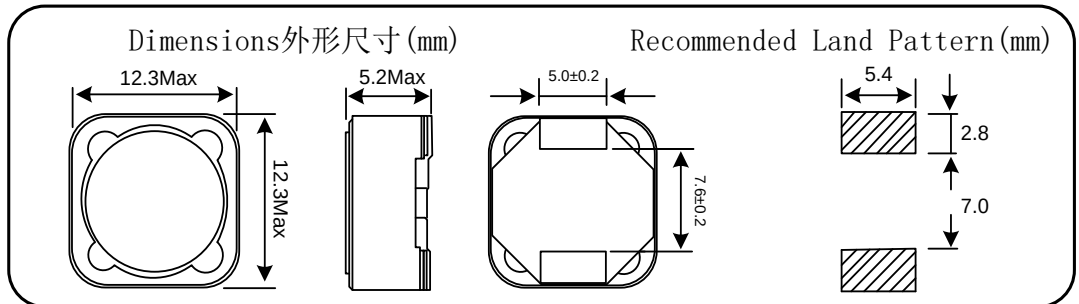
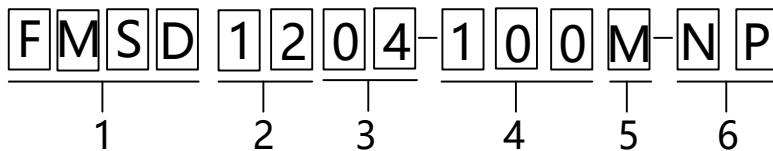




Type: FMSD1204



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型: FMSD (shield/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: M $\pm 20\%$, N $\pm 30\%$
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.
- Square 12.3mm Max,Height 5.2mm Max.
- Magnetically shielded construction.
- 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.
- 方形12.3mm Max,高度5.2mm Max.
- 閉磁路構造設計.
- 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/便攜式光碟機等.

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)
FMSD1204-3R9	3.9	N	0.015	6.50
FMSD1204-4R7	4.7	N	0.018	5.70
FMSD1204-6R8	6.8	N	0.023	4.90
FMSD1204-8R2	8.2	N	0.026	4.60
FMSD1204-100	10	M	0.028	4.50
FMSD1204-120	12	M	0.038	4.00
FMSD1204-150	15	M	0.050	3.20
FMSD1204-180	18	M	0.057	3.10
FMSD1204-220	22	M	0.066	2.90
FMSD1204-270	27	M	0.080	2.80
FMSD1204-330	33	M	0.097	2.70
FMSD1204-390	39	M	0.132	2.10
FMSD1204-470	47	M	0.160	1.90
FMSD1204-560	56	M	0.190	1.80
FMSD1204-680	68	M	0.220	1.50
FMSD1204-820	82	M	0.260	1.30
FMSD1204-101	100	M	0.308	1.20
FMSD1204-121	120	M	0.380	1.10
FMSD1204-151	150	M	0.530	0.95
FMSD1204-181	180	M	0.620	0.85
FMSD1204-221	220	M	0.700	0.80
FMSD1204-271	270	M	0.870	0.60
FMSD1204-331	330	M	0.990	0.50

Inductance Range/電感範圍:3.9~330 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 :1KHz/0.25V;

(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 25%, or temperature to rise by 40°C , whichever is smaller (At ambient reference temperature: 25°C).

(1) 電感測試頻率:1KHz/0.25V;

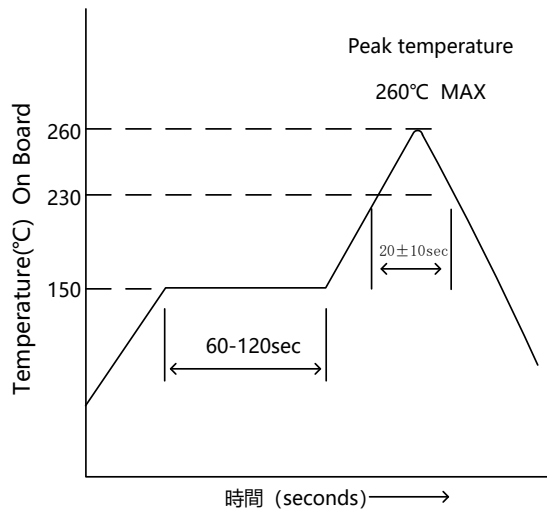
(2) 最大容許電流定義:電感下降25%或溫度上升 40°C 時,取其小值作為最大容許電流(周圍環境溫度 25°C).



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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