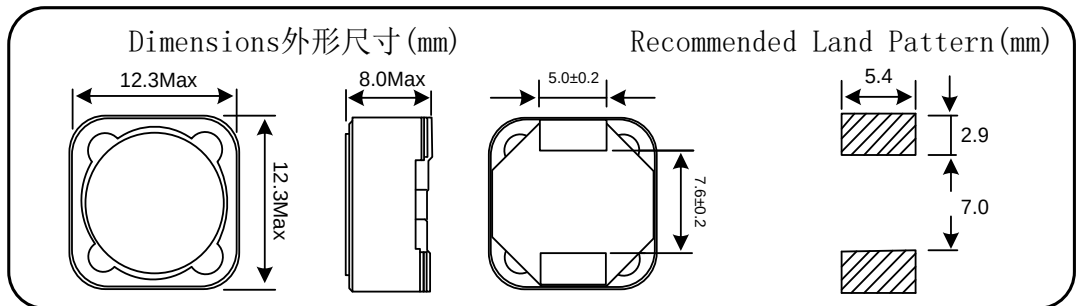
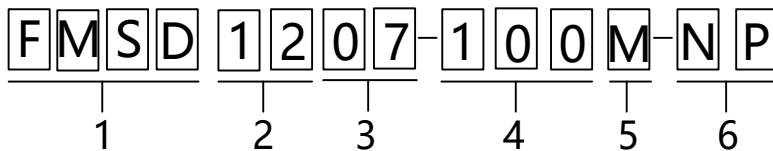




Type: FMSD1207



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 8.0mm 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8.0mm 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)
FMSD1207-1R2	1.2	N	0.007	9.80
FMSD1207-2R4	2.4	N	0.012	8.00
FMSD1207-3R5	3.5	N	0.014	7.50
FMSD1207-4R7	4.7	N	0.016	6.80
FMSD1207-6R1	6.1	N	0.018	6.60
FMSD1207-7R6	7.6	N	0.020	5.90
FMSD1207-100	10	M	0.022	5.40
FMSD1207-120	12	M	0.025	4.90
FMSD1207-150	15	M	0.027	4.50
FMSD1207-180	18	M	0.040	3.90
FMSD1207-220	22	M	0.044	3.60
FMSD1207-270	27	M	0.046	3.40
FMSD1207-330	33	M	0.065	3.00
FMSD1207-390	39	M	0.073	2.75
FMSD1207-470	47	M	0.100	2.50
FMSD1207-560	56	M	0.110	2.35
FMSD1207-680	68	M	0.140	2.10
FMSD1207-820	82	M	0.160	1.95
FMSD1207-101	100	M	0.220	1.70
FMSD1207-121	120	M	0.250	1.60
FMSD1207-151	150	M	0.280	1.42
FMSD1207-181	180	M	0.350	1.30
FMSD1207-221	220	M	0.390	1.16
FMSD1207-271	270	M	0.560	1.06

Inductance Range/電感範圍:1.2~1000 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 :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: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) .

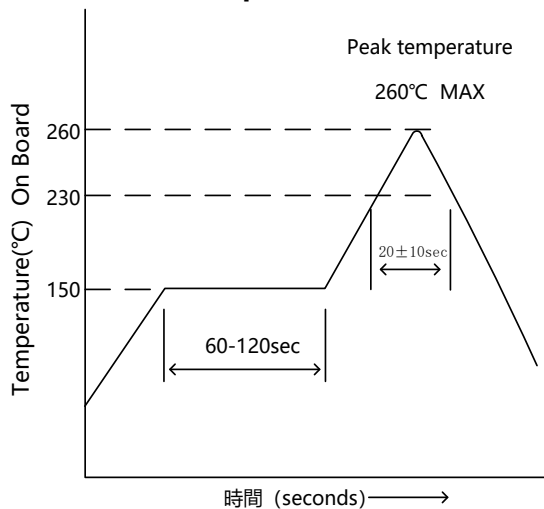


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FMSD1207-331	330	M	0.640	0.95
FMSD1207-391	390	M	0.700	0.88
FMSD1207-471	470	M	0.980	0.79
FMSD1207-561	560	M	1.070	0.73
FMSD1207-681	680	M	1.460	0.67
FMSD1207-821	820	M	1.640	0.60
FMSD1207-102	1000	M	1.820	0.55

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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