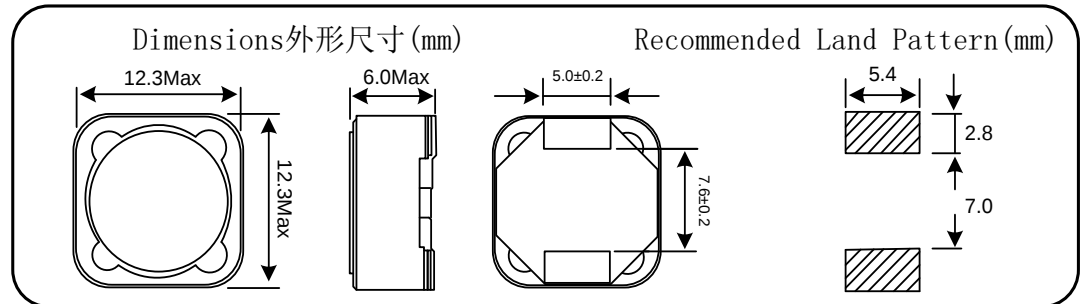
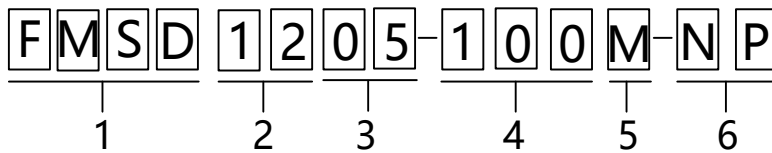




Type: FMSD1205



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 6.0mm 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6.0mm 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)
FMSD1205-1R3	1.3	N	0.012	8.00
FMSD1205-2R1	2.1	N	0.014	7.00
FMSD1205-3R1	3.1	N	0.017	6.00
FMSD1205-4R4	4.4	N	0.020	5.00
FMSD1205-5R8	5.8	N	0.021	4.40
FMSD1205-7R5	7.5	N	0.024	4.20
FMSD1205-100	10	M	0.025	4.00
FMSD1205-120	12	M	0.027	3.50
FMSD1205-150	15	M	0.030	3.30
FMSD1205-180	18	M	0.034	3.00
FMSD1205-220	22	M	0.036	2.80
FMSD1205-270	27	M	0.051	2.30
FMSD1205-330	33	M	0.057	2.10
FMSD1205-390	39	M	0.068	2.00
FMSD1205-470	47	M	0.075	1.80
FMSD1205-560	56	M	0.110	1.70
FMSD1205-680	68	M	0.120	1.50
FMSD1205-820	82	M	0.140	1.40
FMSD1205-101	100	M	0.160	1.30
FMSD1205-121	120	M	0.170	1.10
FMSD1205-151	150	M	0.230	1.00
FMSD1205-181	180	M	0.290	0.90
FMSD1205-221	220	M	0.400	0.80
FMSD1205-271	270	M	0.460	0.75

Inductance Range/電感範圍:1.3~1000 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).

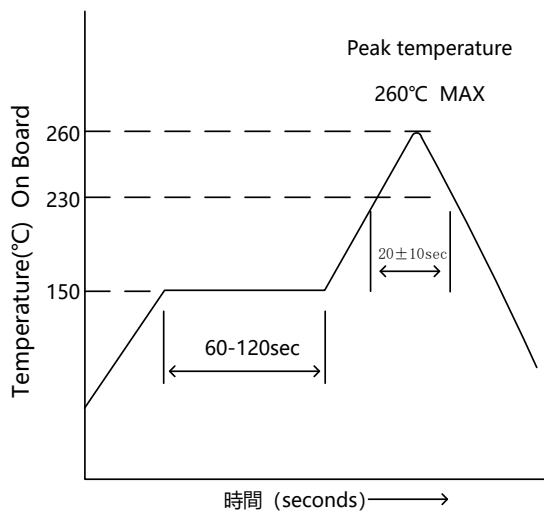


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FMSD1205-331	330	M	0.51	0.68
FMSD1205-391	390	M	0.69	0.65
FMSD1205-471	470	M	0.77	0.58
FMSD1205-561	560	M	0.86	0.54
FMSD1205-681	680	M	1.20	0.48
FMSD1205-821	820	M	1.34	0.43
FMSD1205-102	1000	M	1.53	0.40

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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