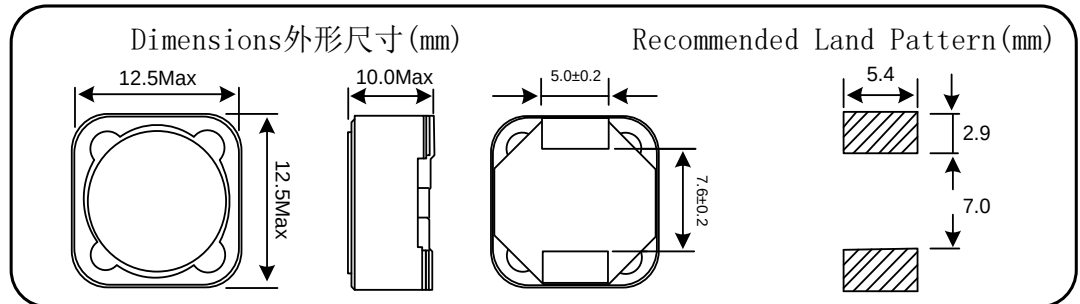
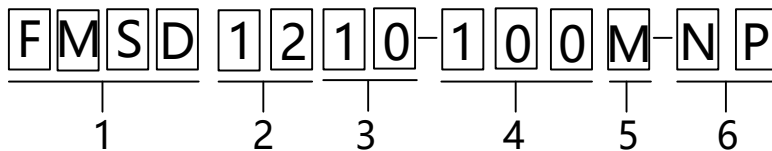




Type: FMSD1210



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:400PCS.
- Square 12.5mm Max,Height 10.0mm 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:400PCS.
- 方形12.5mm Max,高度10.0mm 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)
FMSD1210-1R5	1.5	N	0.005	14.00
FMSD1210-2R4	2.4	N	0.006	12.00
FMSD1210-3R3	3.3	N	0.009	11.00
FMSD1210-5R0	5.0	N	0.011	10.00
FMSD1210-6R8	6.8	N	0.014	9.00
FMSD1210-8R2	8.2	N	0.016	8.20
FMSD1210-100	10	M	0.018	7.50
FMSD1210-120	12	M	0.020	7.00
FMSD1210-150	15	M	0.025	6.00
FMSD1210-180	18	M	0.032	5.50
FMSD1210-220	22	M	0.039	5.00
FMSD1210-270	27	M	0.045	4.50
FMSD1210-330	33	M	0.050	4.00
FMSD1210-390	39	M	0.060	3.80
FMSD1210-470	47	M	0.069	3.50
FMSD1210-560	56	M	0.079	3.20
FMSD1210-680	68	M	0.088	3.00
FMSD1210-820	82	M	0.110	2.60
FMSD1210-101	100	M	0.140	2.20
FMSD1210-121	120	M	0.160	2.00
FMSD1210-151	150	M	0.200	1.80
FMSD1210-181	180	M	0.270	1.60
FMSD1210-221	220	M	0.300	1.50
FMSD1210-271	270	M	0.400	1.30

Inductance Range/電感範圍:1.5~1000 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 20%, 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20%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).

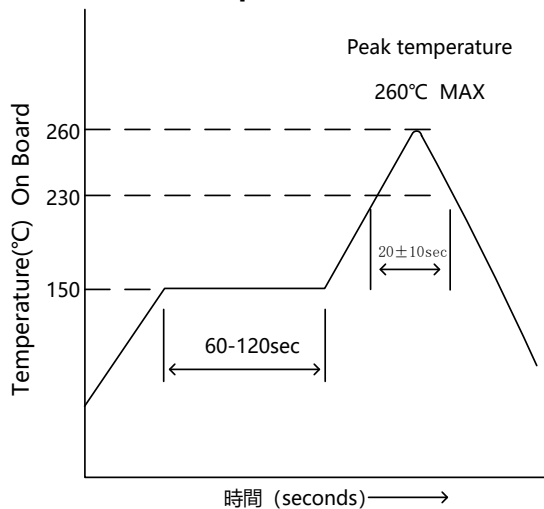


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FMSD1210-331	330	M	0.450	1.20
FMSD1210-391	390	M	0.550	1.10
FMSD1210-471	470	M	0.600	1.00
FMSD1210-561	560	M	0.700	0.90
FMSD1210-681	680	M	0.840	0.82
FMSD1210-821	820	M	1.060	0.80
FMSD1210-102	1000	M	1.270	0.76

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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