



Fonrta
方瑞達電子

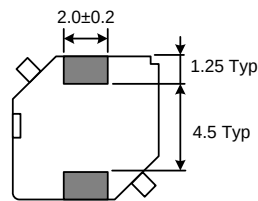
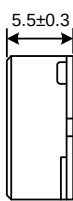
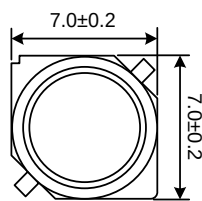
SMD POWER INDUCTORS

貼片功率電感

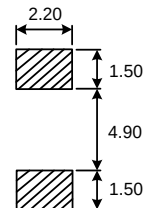
Type: FSLF7055



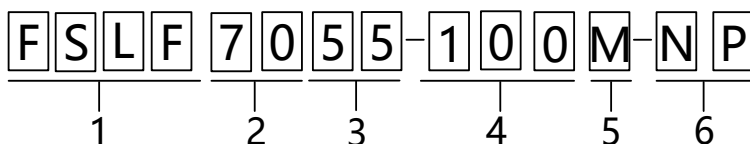
Dimensions外形尺寸 (mm)



Recommended Land Pattern (mm)



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型 : FSLF (Shielded/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: 900PCS.
- Square 7.2mm Max, Height 5.8mm 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: 900PCS.
- 方形 7.2mm Max, 高度 5.8mm 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/液晶電視/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)
FSLF7055-1R5	1.5	N	0.023	4.00
FSLF7055-2R2	2.2	N	0.029	3.50
FSLF7055-3R3	3.3	N	0.032	3.30
FSLF7055-4R7	4.7	N	0.037	3.10
FSLF7055-6R8	6.8	N	0.045	2.80
FSLF7055-100	10	M	0.047	2.50
FSLF7055-150	15	M	0.061	2.10
FSLF7055-220	22	M	0.078	1.70

Inductance Range/電感範圍: 1.5~22 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: 100KHz/0.5V;

(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: 100KHz/0.5V;

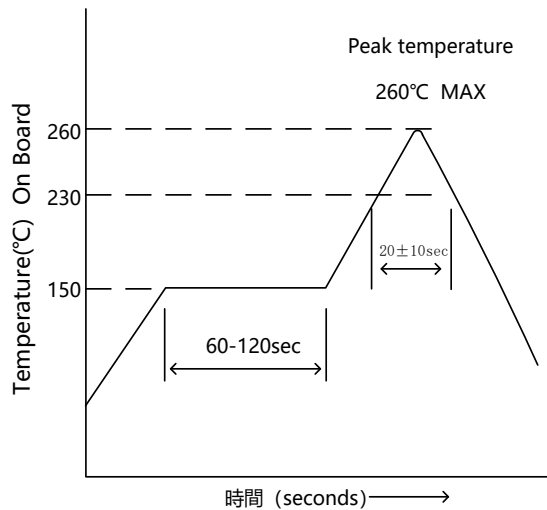
(2) 最大容許電流定義: 電感下降 10% 或溫度上升 40°C 時, 取其小值作為最大容許電流 (周圍環境溫度 25°C).



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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