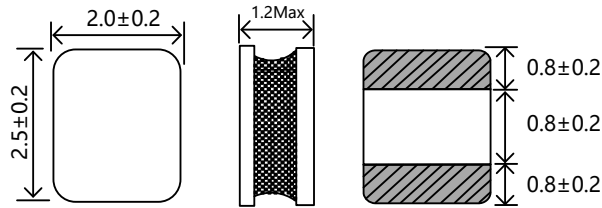




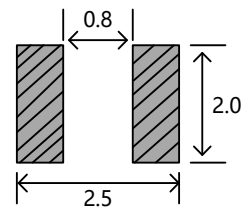
Type: FLQH252012



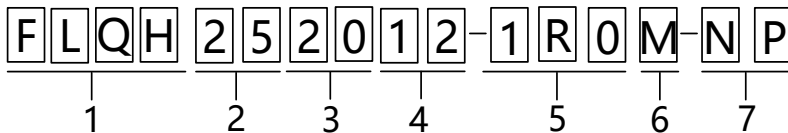
Dimensions外形尺寸 (mm)



Recommended Land Pattern (mm)



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型 : FLQH(shield/屏蔽)
2. Body length/產品長度 : mm
3. Body wide/產品寬度 : mm
4. Body height/產品高度 : mm
5. Inductance/感量 : μH
6. Tolerance/公差 : M $\pm 20\%$, N $\pm 30\%$
7. RoHs Compliant(SGS Certified)

本產品滿足環境保護要求(有害物質限用)



FEATURES:

- Quantity/reel:2000PCS.
- Square 2.5mm type(2.7mm Max).Height 1.2mm Max.
- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels.
- Widely use in DC-DC converter/Notebook/Camcorders, HDTV .

特長:

- 數量/卷:2000PCS.
- 方形2.5mm(2.7mm Max),高度1.2mm Max.
- 磁性樹脂屏蔽結構將噪聲降至超低水平.
- 廣泛應用於升降壓轉換器/筆記本電腦/攝像機, 高清電視.

ELECTRICAL CHARACTERISTICS/電氣特性

Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	RDC直流電阻 Max(Ω)	SRF(MHz) Min.	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FLQH252012-R47	0.47	N	0.061	160	3.82	2.15
FLQH252012-R68	0.68	N	0.074	140	3.28	1.95
FLQH252012-1R0	1.0	M	0.090	110	2.59	1.93
FLQH252012-1R5	1.5	M	0.147	97	2.24	1.40
FLQH252012-2R2	2.2	M	0.216	69	1.85	1.15
FLQH252012-3R3	3.3	M	0.264	62	1.61	1.04
FLQH252012-4R7	4.7	M	0.377	47	1.12	0.84
FLQH252012-5R6	5.6	M	0.538	38	1.11	0.73
FLQH252012-6R8	6.8	M	0.581	38	0.98	0.69
FLQH252012-8R2	8.2	M	0.658	36	0.98	0.65
FLQH252012-100	10	M	0.690	34	0.79	0.62
FLQH252012-120	12	M	1.075	28	0.78	0.51
FLQH252012-150	15	M	1.591	25	0.68	0.42
FLQH252012-220	22	M	1.976	20	0.53	0.38

Inductance Range/電感範圍:0.47~22 μH

Operating Temperature/工作溫度:-40°C ~ +125°C

Storage Temperature/儲存溫度:-40°C ~ +125°C

(1) Test frequency :100KHz/1.0V;

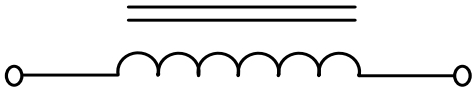
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

(1) 電感測試頻率:100KHz/1.0V;

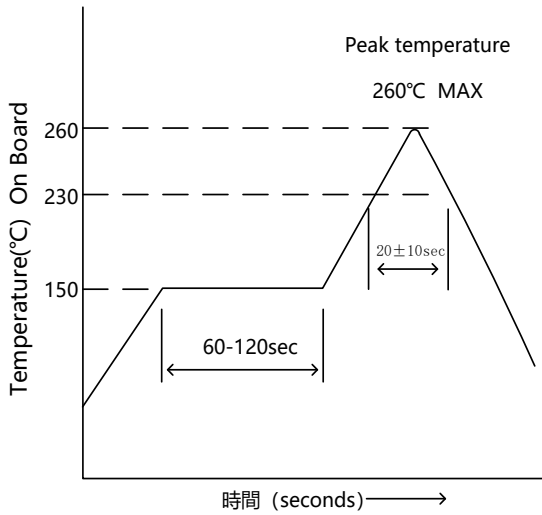
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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