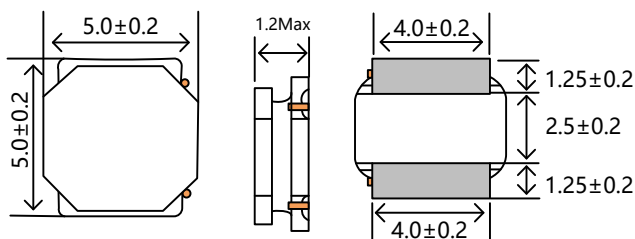




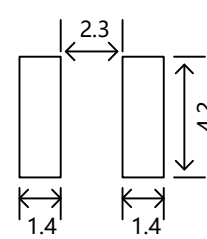
Type: FLQH5012



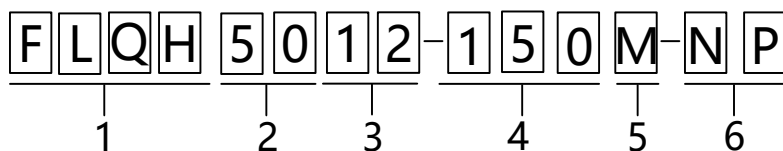
Dimensions外形尺寸 (mm)



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 height/產品高度 : mm
- 4.Inductance/感量 :  $\mu\text{H}$
- 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:4500PCS.
- Square 5.0mm type(5.2mm 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:4500PCS.
- 方形5.0mm(5.2mm 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( $\mu\text{H}$ )	Tolerance 公差(%)	RDC直流電阻 Max( $\Omega$ )	SRF(MHz) Min.	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FLQH5012-R22	0.22	N	0.034	315	8.10	3.00
FLQH5012-1R0	1.0	N	0.068	103	4.40	2.00
FLQH5012-1R5	1.5	N	0.086	68	3.70	1.90
FLQH5012-2R2	2.2	N	0.108	50	3.10	1.70
FLQH5012-3R3	3.3	N	0.151	34	2.40	1.40
FLQH5012-4R7	4.7	N	0.197	31	2.20	1.30
FLQH5012-6R8	6.8	M	0.294	22	1.70	1.00
FLQH5012-100	10	M	0.413	17	1.40	0.85
FLQH5012-150	15	M	0.523	13	1.20	0.80
FLQH5012-220	22	M	0.858	13	0.88	0.60

Inductance Range/電感範圍:0.22~22 $\mu\text{H}$

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;

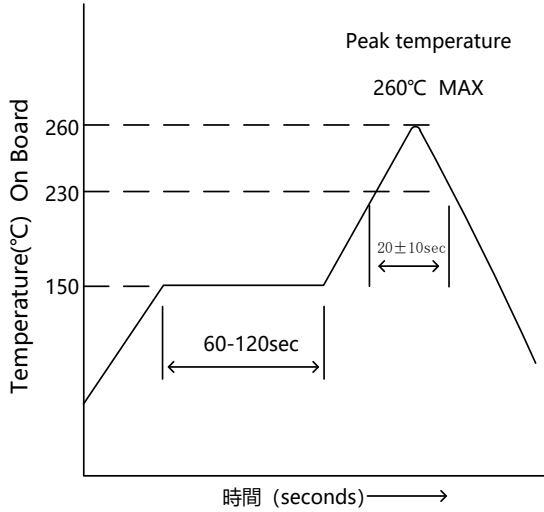
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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