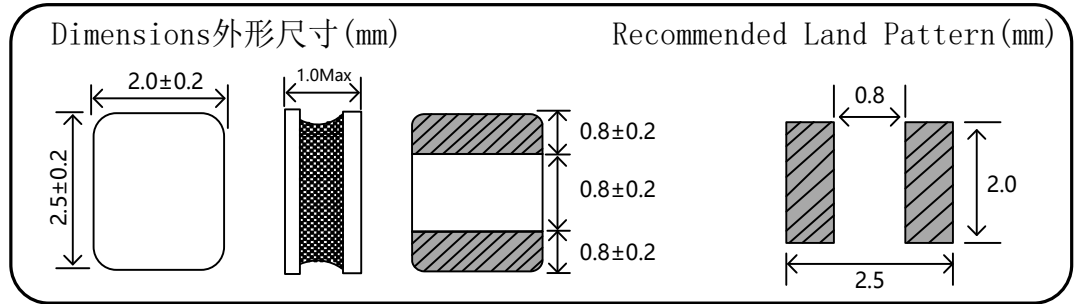
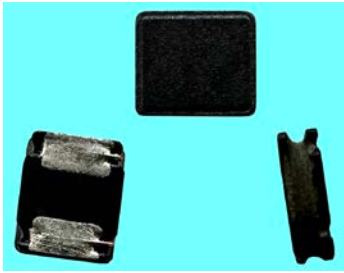
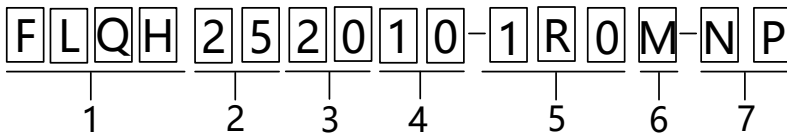




Type: FLQH252010



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 : μ H
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 1.0mm 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1.0mm 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(μ H)	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)
FLQH252010-R47	0.47	N	0.056	206	2.50	2.35
FLQH252010-R56	0.56	N	0.072	160	2.90	2.00
FLQH252010-R68	0.68	N	0.074	129	2.20	2.00
FLQH252010-1R0	1.0	M	0.108	100	1.85	1.65
FLQH252010-1R5	1.5	M	0.182	81	1.80	1.30
FLQH252010-2R2	2.2	M	0.209	61	1.20	1.20
FLQH252010-3R3	3.3	M	0.328	47	1.05	0.90
FLQH252010-4R7	4.7	M	0.563	42	0.95	0.70
FLQH252010-5R6	5.6	M	0.563	35	0.80	0.73
FLQH252010-6R8	6.8	M	0.896	31	0.78	0.59
FLQH252010-100	10	M	1.082	27	0.65	0.50
FLQH252010-220	22	M	1.625	25	0.40	0.45
FLQH252010-470	47	M	2.400	10	0.28	0.28

Inductance Range/電感範圍:0.47~47 μ H

Operating Temperature/工作溫度:-40 $^{\circ}$ C ~ +125 $^{\circ}$ C

Storage Temperature/儲存溫度:-40 $^{\circ}$ C ~ +125 $^{\circ}$ C

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

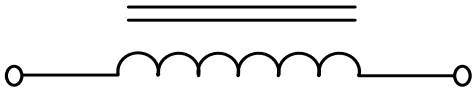
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40 $^{\circ}$ C, whichever is smaller(At ambient reference temperature:25 $^{\circ}$ C).

(1) 電感測試頻率:100KHz/1.0V;

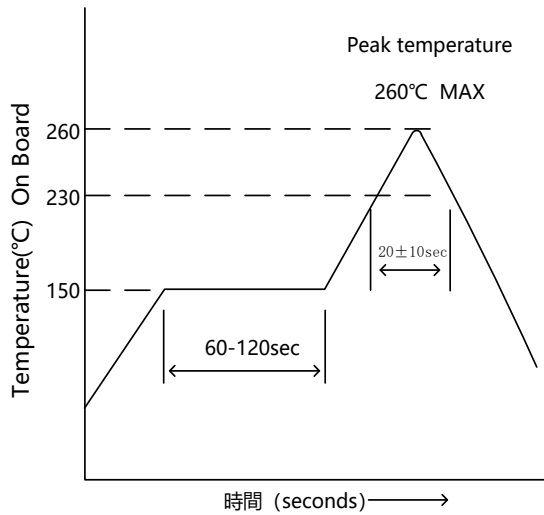
(2) 最大容許電流定義:電感下降30%或溫度上升40 $^{\circ}$ C時,取其小值作為最大容許電流(周圍環境溫度25 $^{\circ}$ C).



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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