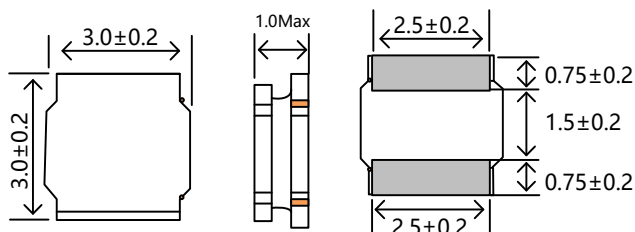




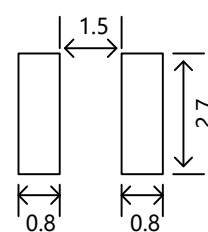
Type: FLQH3010



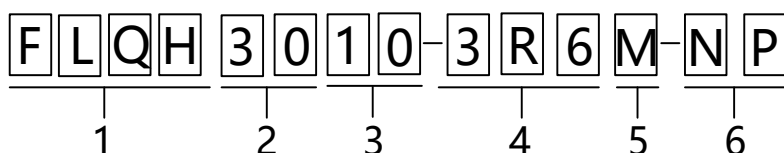
Dimensions外形尺寸(mm)



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 : 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:2000PCS.
- Square 3.0mm type(3.2mm 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3.0mm(3.2mm 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(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)
FLQH3010-1R0	1.0	N	0.085	180	1.40	1.45
FLQH3010-1R2	1.2	N	0.085	137	1.25	1.45
FLQH3010-1R5	1.5	N	0.104	120	1.27	1.30
FLQH3010-2R2	2.2	N	0.143	100	1.15	1.09
FLQH3010-2R7	2.7	N	0.169	90	1.00	1.02
FLQH3010-3R3	3.3	N	0.189	74	0.97	0.96
FLQH3010-3R6	3.6	M	0.215	67	0.95	0.90
FLQH3010-4R7	4.7	M	0.293	59	0.75	0.77
FLQH3010-5R6	5.6	M	0.322	40	0.58	0.70
FLQH3010-6R8	6.8	M	0.397	42	0.55	0.66
FLQH3010-8R2	8.2	M	0.520	23	0.55	0.58
FLQH3010-100	10	M	0.520	39	0.55	0.58
FLQH3010-120	12	M	0.657	36	0.43	0.52
FLQH3010-150	15	M	0.793	30	0.42	0.47
FLQH3010-220	22	M	1.209	28	0.35	0.38
FLQH3010-270	27	M	1.404	25	0.30	0.35
FLQH3010-330	33	M	2.015	18	0.29	0.30
FLQH3010-390	39	M	2.275	18	0.28	0.28
FLQH3010-430	43	M	2.340	18	0.23	0.27
FLQH3010-470	47	M	2.535	18	0.22	0.26
FLQH3010-510	51	M	2.860	18	0.21	0.25
FLQH3010-560	56	M	3.016	16	0.21	0.24

Inductance Range/電感範圍:1.0~56 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;

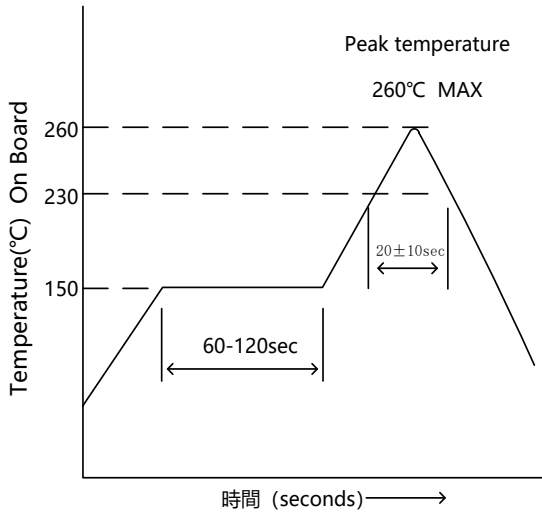
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C) .



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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