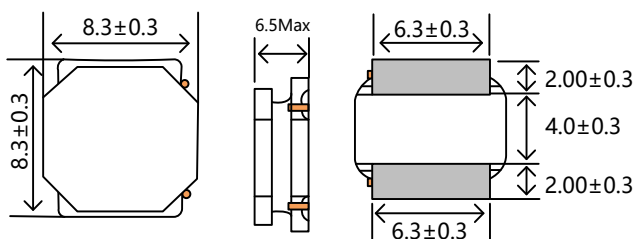




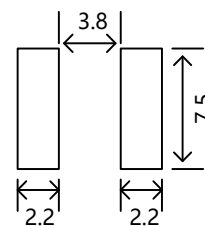
Type: FLQH8065



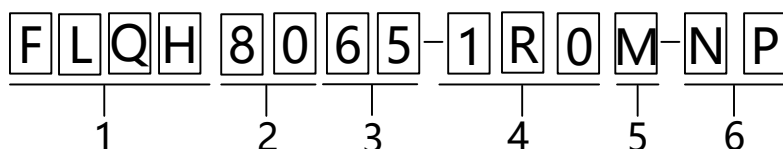
Dimensions外形尺寸 (mm)



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:1000PCS.
- Square 8.3mm type(8.6mm Max),Height 6.5mm 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:1000PCS.
- 方形8.3mm(8.6mm Max),高度6.5mm 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)
FLQH8065-1R0	1.0	M	0.011	96	20.0	7.00
FLQH8065-3R3	3.3	M	0.018	27	9.50	5.10
FLQH8065-4R7	4.7	M	0.022	18	8.50	4.70
FLQH8065-5R6	5.6	M	0.026	17	8.00	4.50
FLQH8065-6R8	6.8	M	0.026	16	7.50	4.50
FLQH8065-8R2	8.2	M	0.031	15	7.00	4.20
FLQH8065-100	10	M	0.044	13	8.00	3.20
FLQH8065-220	22	M	0.065	8	4.30	2.85
FLQH8065-101	100	M	0.280	3.1	2.00	1.35
FLQH8065-151	150	M	0.440	2.5	1.60	0.95
FLQH8065-221	220	M	0.656	2.0	1.20	0.80
FLQH8065-331	330	M	0.840	1.7	1.00	0.75
FLQH8065-431	430	M	1.200	1.5	0.95	0.61
FLQH8065-102	1000	M	2.820	1.1	0.65	0.40
FLQH8065-152	1500	M	4.380	0.7	0.54	0.32
FLQH8065-222	2200	M	6.000	0.7	0.45	0.27
FLQH8065-332	3300	M	8.760	0.7	0.36	0.23
FLQH8065-472	4700	M	14.58	0.4	0.29	0.18
FLQH8065-682	6800	M	22.44	0.4	0.26	0.14
FLQH8065-103	10000	M	27.36	0.4	0.20	0.13

Inductance Range/電感範圍:1.0~10000 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;

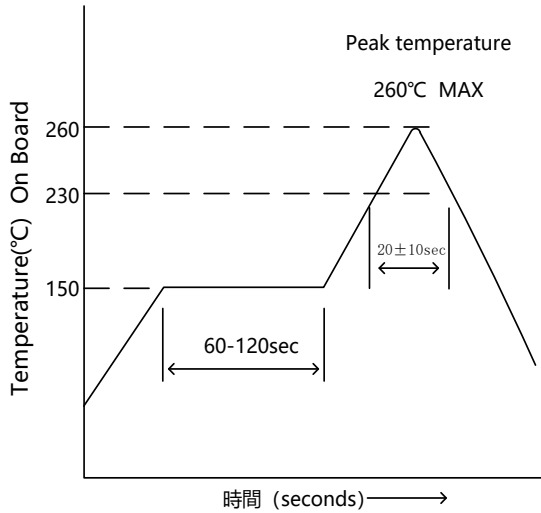
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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