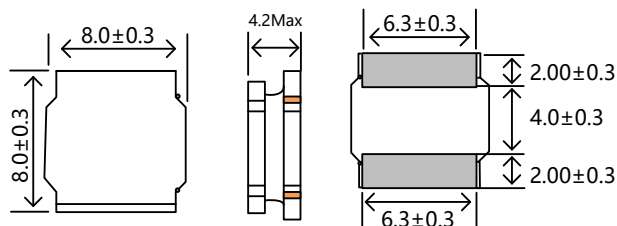




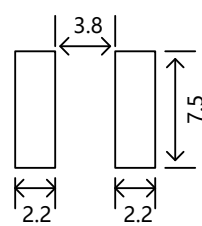
Type: FLQH8040



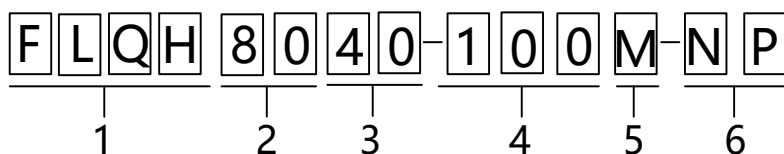
Dimensions外形尺寸 (mm)



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 8.0mm type(8.3mm Max),Height 4.0mm TYP.
- 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8.0mm(8.3mm Max),高度4.0mm TYP.
- 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)
FLQH8040-R82	0.82	N	0.010	94	13.80	6.30
FLQH8040-1R0	1.0	N	0.010	89	9.85	6.30
FLQH8040-1R2	1.2	N	0.013	59	10.00	5.65
FLQH8040-1R5	1.5	N	0.013	67	8.15	5.65
FLQH8040-2R0	2.0	N	0.016	43	9.25	5.15
FLQH8040-2R2	2.2	N	0.016	41	7.10	5.15
FLQH8040-3R0	3.0	N	0.018	32	6.10	4.70
FLQH8040-3R3	3.3	N	0.022	27	6.50	4.40
FLQH8040-3R6	3.6	N	0.022	30	7.52	4.35
FLQH8040-3R9	3.9	N	0.022	26	5.75	4.35
FLQH8040-4R7	4.7	N	0.025	24	5.90	4.10
FLQH8040-5R1	5.1	N	0.025	22	4.70	4.05
FLQH8040-5R6	5.6	N	0.027	24	6.00	3.85
FLQH8040-6R2	6.2	N	0.027	20	4.45	3.85
FLQH8040-6R8	6.8	M	0.031	20	4.55	3.60
FLQH8040-8R2	8.2	M	0.034	17	4.20	3.45
FLQH8040-100	10	M	0.038	15	3.60	3.30
FLQH8040-120	12	M	0.053	13	3.50	2.80
FLQH8040-150	15	M	0.061	12	2.95	2.60
FLQH8040-180	18	M	0.069	11	2.70	2.40
FLQH8040-220	22	M	0.090	9.5	2.40	2.10
FLQH8040-270	27	M	0.101	9.2	2.15	2.00
FLQH8040-330	33	M	0.126	7.8	2.05	1.80
FLQH8040-360	36	M	0.133	7.8	2.00	1.75
FLQH8040-390	39	M	0.139	7.8	1.95	1.70
FLQH8040-430	43	M	0.147	7.8	1.90	1.65

Inductance Range/電感範圍:0.82-1500 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).

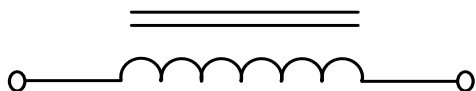
(1) 電感測試頻率:100KHz/1.0V;

(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).

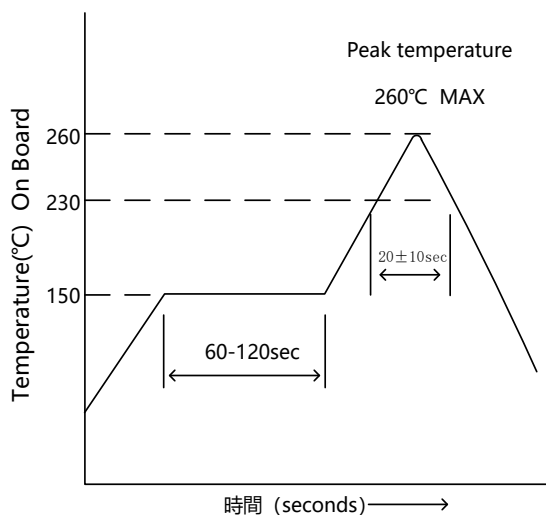


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	RDC 直流電阻 Max(Ω)	SRF(MHz) Min.	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FLQH8040-470	47	M	0.177	6.4	1.75	1.55
FLQH8040-510	51	M	0.185	6.4	1.70	1.50
FLQH8040-620	62	M	0.237	6.4	1.50	1.30
FLQH8040-680	68	M	0.255	4.9	1.45	1.25
FLQH8040-750	75	M	0.274	4.9	1.35	1.20
FLQH8040-820	82	M	0.293	5.9	1.30	1.15
FLQH8040-910	91	M	0.354	4.9	1.20	1.05
FLQH8040-101	100	M	0.377	4.2	1.15	1.00
FLQH8040-121	120	M	0.434	3.5	1.05	0.95
FLQH8040-151	150	M	0.533	3.5	1.10	0.85
FLQH8040-181	180	M	0.676	3.5	0.95	0.83
FLQH8040-221	220	M	0.779	3.5	0.85	0.80
FLQH8040-331	330	M	1.156	2.8	0.68	0.64
FLQH8040-471	470	M	1.625	2.1	0.60	0.50
FLQH8040-681	680	M	2.652	1.7	0.50	0.45
FLQH8040-102	1000	M	3.640	1.4	0.40	0.35
FLQH8040-152	1500	M	6.500	1.0	0.32	0.26

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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