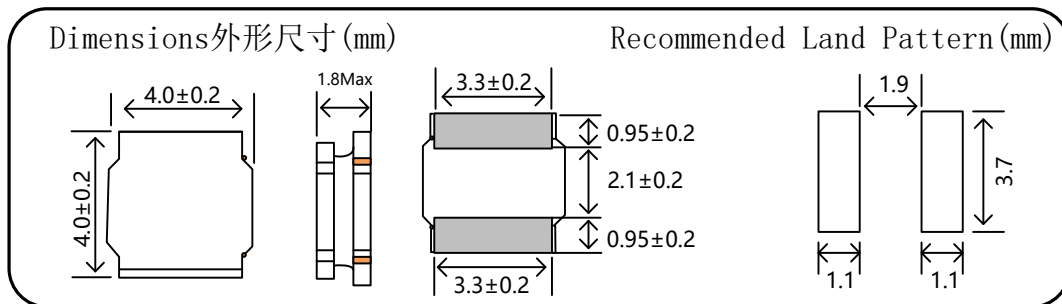
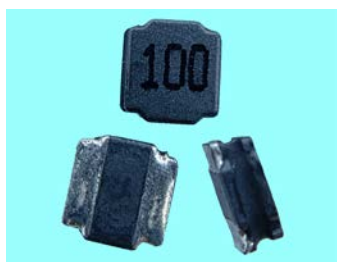
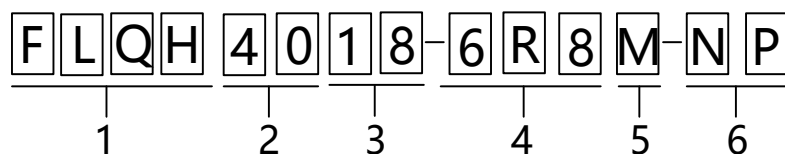




Type: FLQH4018



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:3000PCS.
- Square 4.0mm type(4.2mm Max),Height 1.8mm 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:3000PCS.
- 方形4.0mm(4.2mm Max),高度1.8mm 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)
FLQH4018-R47	0.47	N	0.018	155	4.30	4.00
FLQH4018-R68	0.68	N	0.026	128	4.90	3.30
FLQH4018-1R0	1.0	N	0.033	80	4.80	2.00
FLQH4018-1R5	1.5	N	0.039	65	3.35	1.80
FLQH4018-1R8	1.8	N	0.044	54	3.00	2.00
FLQH4018-2R2	2.2	M	0.059	52	2.70	1.65
FLQH4018-3R3	3.3	M	0.091	44	2.45	1.23
FLQH4018-4R7	4.7	M	0.117	34	1.70	1.20
FLQH4018-6R8	6.8	M	0.143	29	1.45	1.06
FLQH4018-100	10	M	0.234	24	1.30	0.84
FLQH4018-150	15	M	0.325	19	0.94	0.65
FLQH4018-220	22	M	0.468	16	0.80	0.59
FLQH4018-270	27	M	0.611	15	0.60	0.52
FLQH4018-330	33	M	0.689	12	0.56	0.49
FLQH4018-470	47	M	0.845	10	0.52	0.42
FLQH4018-680	68	M	1.300	8.3	0.47	0.32
FLQH4018-101	100	M	2.275	6.5	0.40	0.25
FLQH4018-151	150	M	3.250	5.5	0.31	0.22
FLQH4018-221	220	M	5.200	4	0.27	0.17

Inductance Range/電感範圍:0.47~220 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;

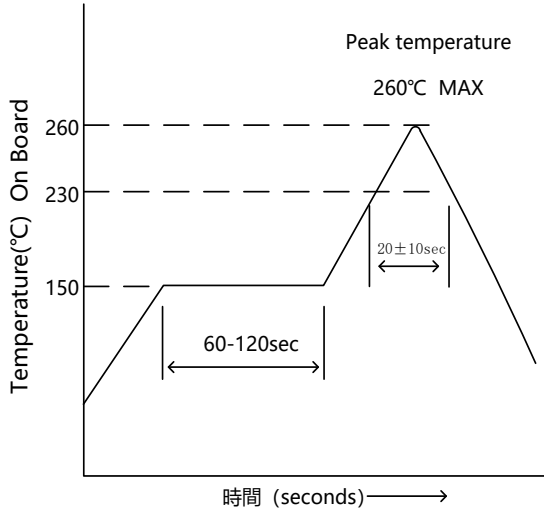
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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