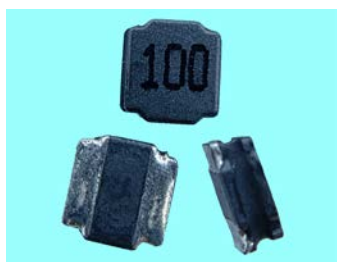
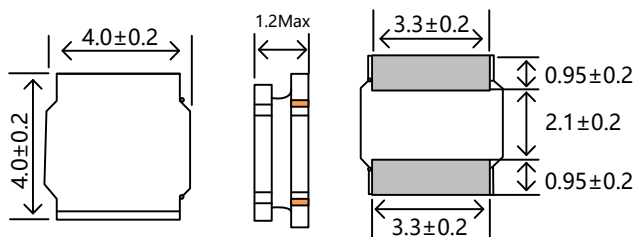




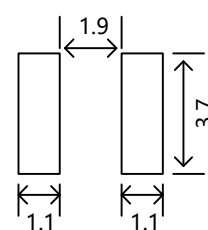
Type: FLQH4012



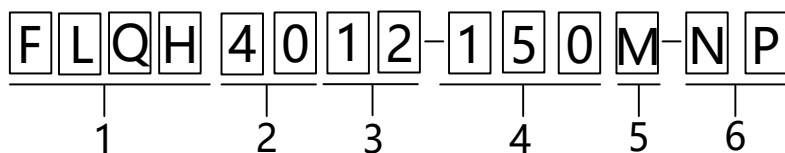
Dimensions外形尺寸(mm)



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:4500PCS.
- Square 4.0mm type(4.2mm Max),Height 1.2mm 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:4500PCS.
- 方形4.0mm(4.2mm Max),高度1.2mm 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)
FLQH4012-R82	0.82	N	0.065	150	3.02	1.65
FLQH4012-1R0	1.0	N	0.065	120	2.61	1.65
FLQH4012-1R5	1.5	N	0.085	90	2.10	1.46
FLQH4012-1R8	1.8	N	0.104	88	2.12	1.32
FLQH4012-2R2	2.2	N	0.104	74	1.76	1.32
FLQH4012-2R7	2.7	N	0.117	71	1.90	1.25
FLQH4012-3R3	3.3	N	0.143	60	1.72	1.12
FLQH4012-3R6	3.6	N	0.143	57	1.20	1.12
FLQH4012-4R3	4.3	N	0.182	54	1.58	1.00
FLQH4012-4R7	4.7	N	0.163	50	1.15	1.05
FLQH4012-5R1	5.1	N	0.201	50	1.15	0.95
FLQH4012-5R6	5.6	N	0.182	42	1.00	0.95
FLQH4012-6R8	6.8	N	0.257	40	0.85	0.84
FLQH4012-100	10	N	0.345	33	0.80	0.77
FLQH4012-120	12	M	0.377	32	0.66	0.70
FLQH4012-150	15	M	0.442	25	0.56	0.64
FLQH4012-180	18	M	0.611	23	0.55	0.55
FLQH4012-220	22	M	0.763	20	0.46	0.49
FLQH4012-270	27	M	0.936	18	0.50	0.45
FLQH4012-330	33	M	1.053	17	0.42	0.42
FLQH4012-360	36	M	1.170	14	0.40	0.40
FLQH4012-390	39	M	1.430	16	0.55	0.37
FLQH4012-470	47	M	1.430	12	0.35	0.37
FLQH4012-560	56	M	1.625	11	0.33	0.33
FLQH4012-680	68	M	2.535	11	0.33	0.27
FLQH4012-820	82	M	2.782	11	0.28	0.26

Inductance Range/電感範圍:0.82~100 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).

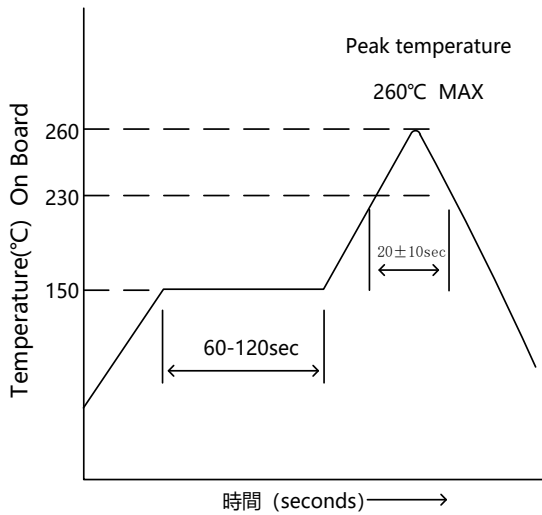


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	RDC 直流電阻 Max(Ω)	SRF(MHz) Min.	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FLQH4012-101	100	M	2.873	9.4	0.25	0.25

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.

www.fonrita.com