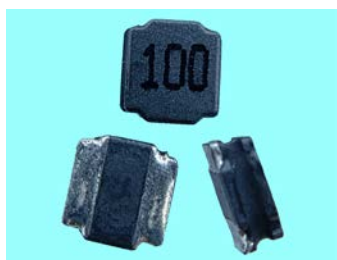
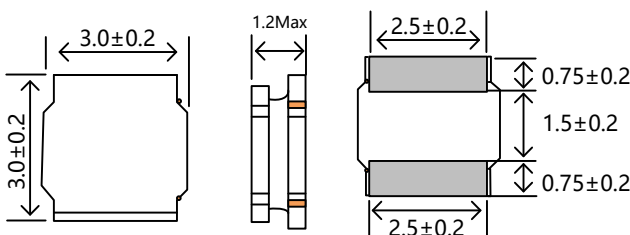




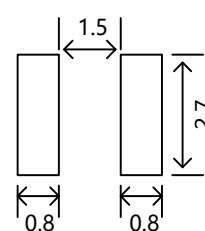
Type: FLQH3012



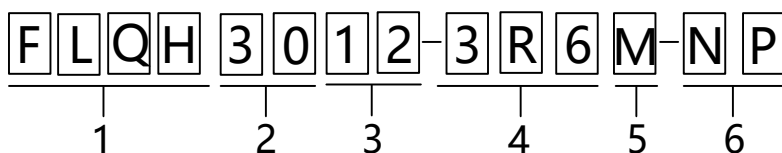
Dimensions外形尺寸 (mm)



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 1.2mm 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:2000PCS.
- 方形3.0mm(3.2mm 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)
FLQH3012-R22	0.22	N	0.022	321	5.30	3.00
FLQH3012-R68	0.68	N	0.039	130	2.70	2.86
FLQH3012-R82	0.82	N	0.039	180	2.05	2.47
FLQH3012-1R0	1.0	N	0.052	120	1.87	2.20
FLQH3012-1R2	1.2	N	0.059	120	1.87	2.01
FLQH3012-1R5	1.5	N	0.059	110	1.62	2.01
FLQH3012-1R8	1.8	N	0.082	90	1.30	1.65
FLQH3012-2R2	2.2	N	0.098	84	1.20	1.55
FLQH3012-2R4	2.4	N	0.098	84	1.15	1.60
FLQH3012-2R7	2.7	N	0.110	65	1.14	1.48
FLQH3012-3R3	3.3	M	0.130	64	1.05	1.36
FLQH3012-3R6	3.6	M	0.130	61	1.05	1.36
FLQH3012-3R9	3.9	M	0.189	61	1.00	1.24
FLQH3012-4R7	4.7	M	0.156	61	0.90	1.24
FLQH3012-5R6	5.6	M	0.226	61	0.80	1.13
FLQH3012-6R8	6.8	M	0.247	61	0.75	0.98
FLQH3012-100	10	M	0.345	42	0.60	0.83
FLQH3012-120	12	M	0.449	32	0.48	0.73
FLQH3012-150	15	M	0.468	27	0.45	0.71
FLQH3012-180	18	M	0.709	25	0.43	0.58
FLQH3012-220	22	M	0.839	23	0.42	0.53
FLQH3012-270	27	M	1.131	21	0.35	0.47
FLQH3012-330	33	M	1.138	18	0.36	0.46
FLQH3012-360	36	M	1.235	18	0.34	0.44
FLQH3012-390	39	M	1.729	18	0.30	0.37
FLQH3012-470	47	M	1.885	14	0.27	0.35

Inductance Range/電感範圍:0.22~100 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) .

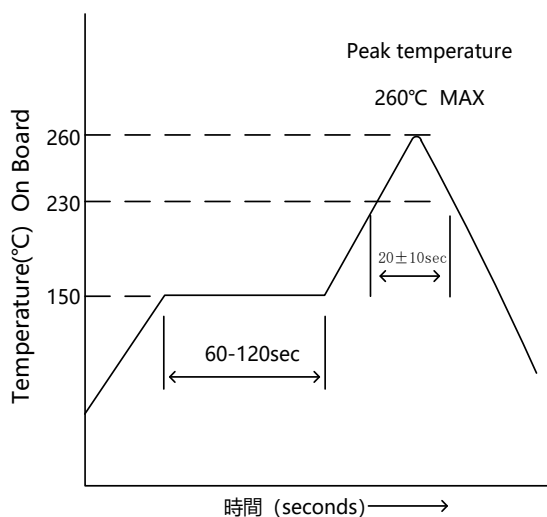


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	RDC直流電阻 Max(Ω)	SRF(MHz) Min.	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FLQH3012-560	56	M	1.794	9	0.26	0.28
FLQH3012-680	68	M	2.171	7	0.24	0.33
FLQH3012-820	82	M	3.302	7	0.21	0.27
FLQH3012-101	100	M	3.718	5	0.21	0.25

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.

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