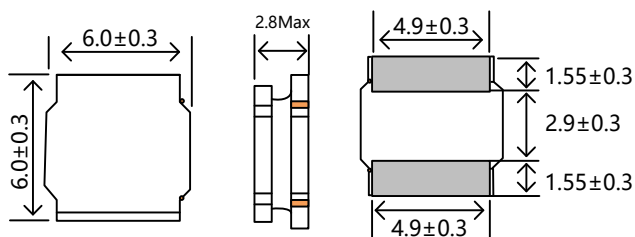




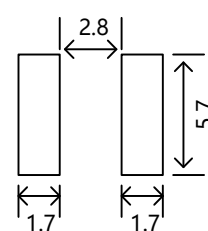
Type: FLQH6028



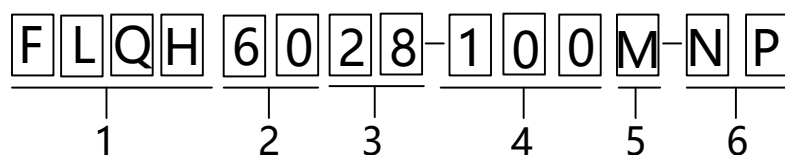
Dimensions外形尺寸(mm)



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 6.0mm type(6.3mm Max),Height 2.8mm 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:2000PCS.
- 方形6.0mm(6.3mm Max),高度2.8mm 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)
FLQH6028-R82	0.82	N	0.016	97	6.50	5.20
FLQH6028-1R0	1.0	N	0.016	70	5.75	5.20
FLQH6028-1R2	1.2	N	0.017	69	6.40	4.58
FLQH6028-1R5	1.5	N	0.017	65	6.00	4.58
FLQH6028-2R2	2.2	N	0.026	48	5.10	3.75
FLQH6028-2R7	2.7	N	0.026	48	3.80	3.75
FLQH6028-3R3	3.3	N	0.033	41	4.15	3.48
FLQH6028-4R7	4.7	N	0.039	35	3.00	3.08
FLQH6028-5R1	5.1	N	0.056	32	3.20	2.60
FLQH6028-6R2	6.2	M	0.061	30	3.05	2.40
FLQH6028-6R8	6.8	M	0.061	27	2.60	2.40
FLQH6028-8R2	8.2	M	0.072	24	2.30	2.25
FLQH6028-9R1	9.1	M	0.096	24	2.55	2.15
FLQH6028-100	10	M	0.094	23	2.04	1.95
FLQH6028-120	12	M	0.104	18	1.80	1.85
FLQH6028-150	15	M	0.163	18	1.75	1.45
FLQH6028-180	18	M	0.156	15	1.52	1.45
FLQH6028-220	22	M	0.182	14	1.45	1.40
FLQH6028-270	27	M	0.202	13	1.50	1.32
FLQH6028-330	33	M	0.241	12	1.35	1.22
FLQH6028-360	36	M	0.280	11	1.25	1.13
FLQH6028-390	39	M	0.293	11	1.25	1.10
FLQH6028-470	47	M	0.410	9.5	1.15	1.06
FLQH6028-560	56	M	0.449	8.2	1.05	0.89
FLQH6028-680	68	M	0.468	7.7	0.80	0.86
FLQH6028-750	75	M	0.533	7.7	0.90	0.81

Inductance Range/電感範圍:0.82~1000 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).

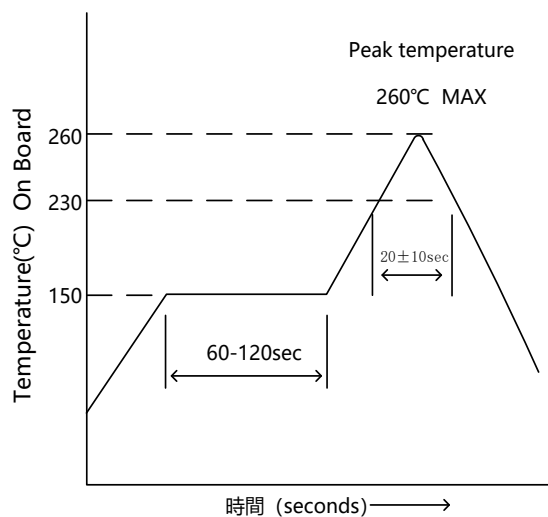


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	RDC直流電阻 Max(Ω)	SRF(MHz) Min.	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FLQH6028-820	82	M	0.650	7.7	0.80	0.70
FLQH6028-101	100	M	0.650	7.1	0.65	0.70
FLQH6028-401	400	M	2.808	2.8	0.30	0.40
FLQH6028-102	1000	M	7.540	1.5	0.18	0.23

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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