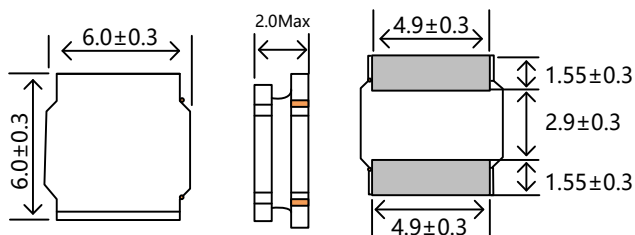




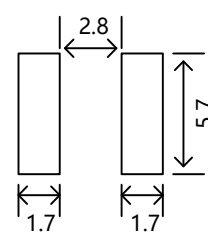
Type: FLQH6020



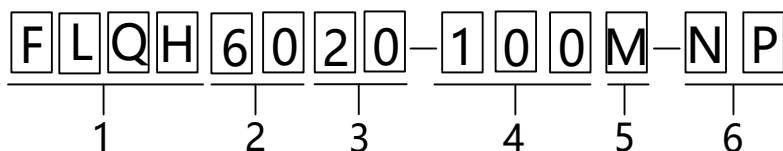
Dimensions外形尺寸(mm)



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:2500PCS.
- Square 6.0mm type(6.3mm Max),Height 2.0mm 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:2500PCS.
- 方形6.0mm(6.3mm Max),高度2.0mm 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)
FLQH6020-R50	0.50	N	0.018	120	4.50	4.00
FLQH6020-R68	0.68	N	0.022	115	6.55	3.80
FLQH6020-R82	0.82	N	0.022	110	5.30	3.80
FLQH6020-1R0	1.0	N	0.026	100	4.15	3.50
FLQH6020-1R2	1.2	N	0.029	88	5.90	3.20
FLQH6020-1R5	1.5	N	0.029	79	4.25	3.20
FLQH6020-1R8	1.8	N	0.036	68	4.85	2.75
FLQH6020-2R0	2.0	N	0.046	65	4.10	2.60
FLQH6020-2R2	2.2	N	0.046	61	3.75	2.75
FLQH6020-2R7	2.7	N	0.046	56	3.90	2.60
FLQH6020-3R3	3.3	N	0.046	51	3.15	2.60
FLQH6020-3R9	3.9	N	0.064	45	3.25	2.10
FLQH6020-4R3	4.3	N	0.064	44	2.70	2.10
FLQH6020-4R7	4.7	N	0.075	41	3.00	2.00
FLQH6020-5R6	5.6	N	0.075	36	2.40	1.90
FLQH6020-6R2	6.2	N	0.103	31	2.30	1.80
FLQH6020-6R8	6.8	N	0.103	31	2.20	1.80
FLQH6020-8R2	8.2	N	0.137	27	2.10	1.40
FLQH6020-100	10	M	0.137	27	1.75	1.40
FLQH6020-120	12	M	0.156	25	1.45	1.30
FLQH6020-150	15	M	0.189	21	1.20	1.20
FLQH6020-180	18	M	0.234	18	1.20	1.08
FLQH6020-220	22	M	0.265	16	1.05	1.00
FLQH6020-330	33	M	0.390	11	0.95	0.84
FLQH6020-470	47	M	0.559	10	0.70	0.80
FLQH6020-680	68	M	0.820	8.7	0.50	0.75

Inductance Range/電感範圍:0.5~330 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).

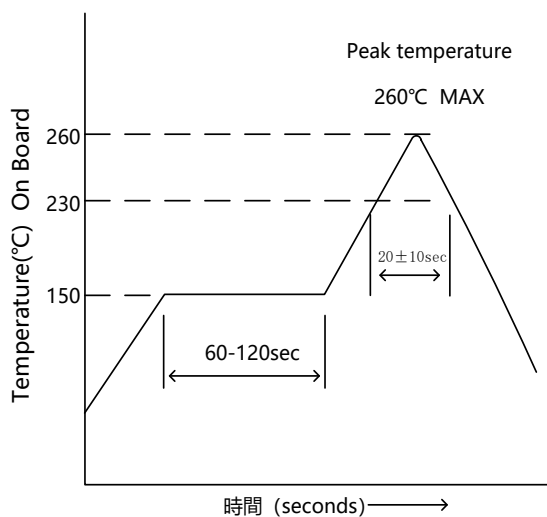


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	RDC直流電阻 Max(Ω)	SRF(MHz) Min.	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FLQH6020-101	100	M	1.200	7.0	0.64	0.50
FLQH6020-151	150	M	2.080	6.0	0.50	0.45
FLQH6020-221	220	M	3.461	4.7	0.45	0.33
FLQH6020-331	330	M	3.600	3.0	0.27	0.33

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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