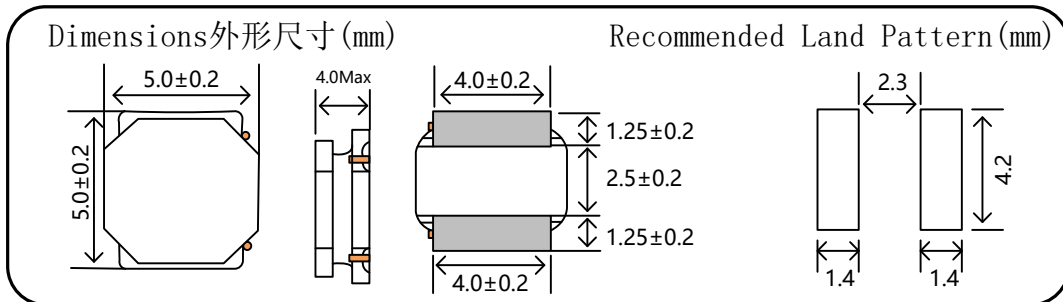
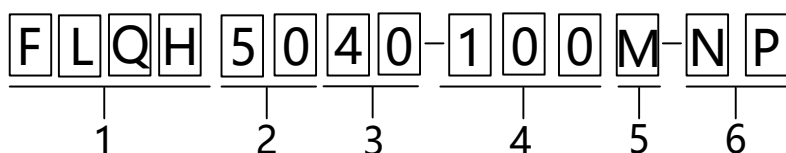




Type: FLQH5040



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:1500PCS.
- Square 5.0mm type(5.2mm Max).Height 4.0mm 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:1500PCS.
- 方形5.0mm(5.2mm Max),高度4.0mm 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)
FLQH5040-R22	0.22	N	0.008	289	18.00	6.50
FLQH5040-R24	0.24	N	0.008	251	15.70	6.40
FLQH5040-R47	0.47	N	0.009	171	10.00	6.60
FLQH5040-1R0	1.0	N	0.016	117	7.35	4.90
FLQH5040-1R2	1.2	N	0.021	110	6.50	4.15
FLQH5040-1R5	1.5	N	0.021	86	6.30	4.30
FLQH5040-1R8	1.8	N	0.021	55	5.50	4.15
FLQH5040-2R2	2.2	N	0.025	50	4.90	3.80
FLQH5040-2R7	2.7	N	0.029	37	4.30	3.60
FLQH5040-3R0	3.0	N	0.029	37	4.15	3.60
FLQH5040-3R3	3.3	N	0.031	32	3.95	3.40
FLQH5040-3R6	3.6	N	0.034	30	3.80	3.30
FLQH5040-3R9	3.9	N	0.035	29	3.55	3.20
FLQH5040-4R7	4.7	N	0.039	28	3.50	3.00
FLQH5040-5R6	5.6	M	0.046	27	3.00	2.80
FLQH5040-6R8	6.8	M	0.056	21	2.90	2.50
FLQH5040-8R2	8.2	M	0.062	20	2.70	2.30
FLQH5040-100	10	M	0.083	18	2.35	2.10
FLQH5040-120	12	M	0.100	14	2.20	2.00
FLQH5040-150	15	M	0.112	13	2.00	2.00
FLQH5040-180	18	M	0.155	12	1.70	1.45
FLQH8040-220	22	M	0.168	11	1.60	1.50
FLQH5040-270	27	M	0.244	9.8	1.52	1.10
FLQH5040-330	33	M	0.244	9	1.30	1.20
FLQH5040-470	47	M	0.354	7	1.10	1.00
FLQH5040-510	51	M	0.494	6	1.00	1.00

Inductance Range/電感範圍:0.22~10000 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).

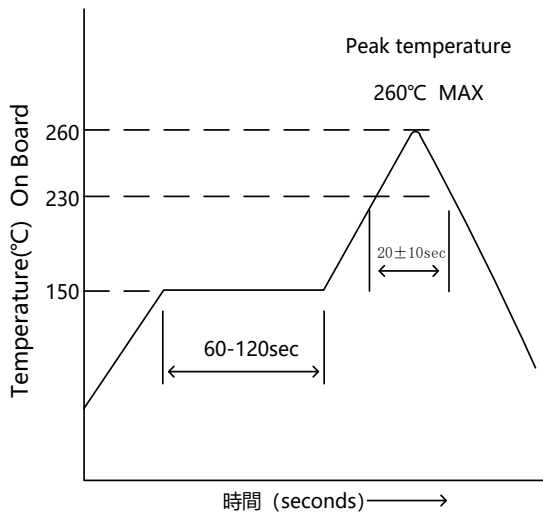


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	RDC 直流電阻 Max(Ω)	SRF(MHz) Min.	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FLQH5040-560	56	M	0.494	6	1.05	0.80
FLQH5040-680	68	M	0.520	6	0.90	0.80
FLQH5040-750	75	M	0.585	6	0.85	0.72
FLQH5040-101	100	M	0.728	5	0.75	0.70
FLQH5040-151	150	M	0.975	3.7	0.65	0.60
FLQH5040-221	220	M	1.82	3.0	0.50	0.40
FLQH5040-301	300	M	2.60	2.7	0.50	0.35
FLQH5040-331	330	M	2.73	2.7	0.42	0.35
FLQH5040-471	470	M	3.90	2.7	0.37	0.35
FLQH5040-561	560	M	4.92	1.3	0.31	0.31
FLQH5040-681	680	M	5.07	1.3	0.30	0.25
FLQH5040-102	1000	M	7.80	1.3	0.21	0.20
FLQH5040-332	3300	M	25.20	0.9	0.140	0.100
FLQH5040-392	3900	M	30.55	0.8	0.125	0.100
FLQH5040-472	4700	M	45.50	0.60	0.110	0.080
FLQH5040-502	5000	M	45.50	0.49	0.110	0.080
FLQH5040-562	5600	M	50.70	0.49	0.105	0.080
FLQH5040-682	6800	M	55.90	0.38	0.090	0.075
FLQH5040-822	8200	M	55.90	0.38	0.070	0.075
FLQH5040-103	10000	M	58.50	0.32	0.065	0.075

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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