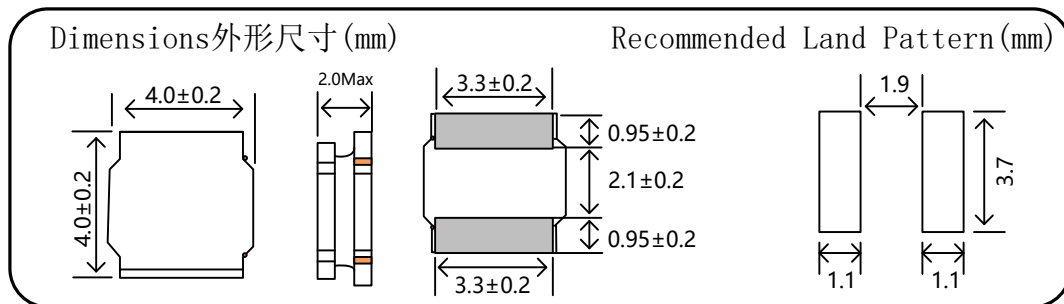
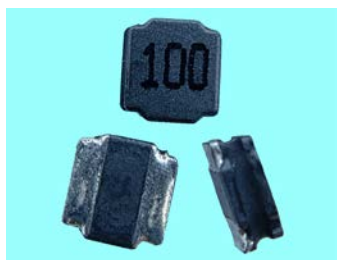
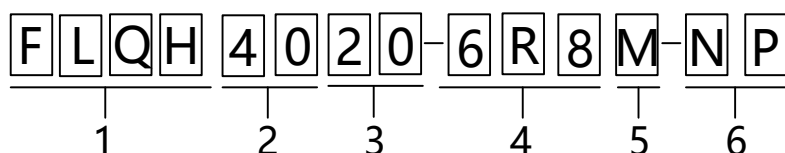




Type: FLQH4020



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:3000PCS.
- Square 4.0mm type(4.2mm 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:3000PCS.
- 方形4.0mm(4.2mm 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)
FLQH4020-R24	0.24	N	0.014	283	10.50	4.50
FLQH4020-R33	0.33	N	0.016	223	7.50	3.30
FLQH4020-R47	0.47	N	0.029	160	7.00	3.30
FLQH4020-R68	0.68	N	0.036	120	6.40	2.80
FLQH4020-1R0	1.0	N	0.038	75	4.78	2.15
FLQH4020-1R2	1.2	N	0.038	72	5.10	2.15
FLQH4020-1R5	1.5	N	0.046	71	4.45	1.98
FLQH4020-2R2	2.2	N	0.052	49	3.40	1.85
FLQH4020-3R3	3.3	M	0.091	44	3.20	1.40
FLQH4020-3R6	3.6	M	0.072	44	2.80	1.54
FLQH4020-4R7	4.7	M	0.098	42	2.35	1.34
FLQH4020-5R1	5.1	M	0.111	42	2.30	1.27
FLQH4020-5R6	5.6	M	0.117	30	2.20	1.22
FLQH4020-6R2	6.2	M	0.150	36	2.15	1.08
FLQH4020-6R8	6.8	M	0.163	33	2.15	1.04
FLQH4020-7R5	7.5	M	0.163	30	1.85	1.04
FLQH4020-8R2	8.2	M	0.163	27	1.75	1.04
FLQH4020-100	10	M	0.215	26	1.60	0.90
FLQH4020-120	12	M	0.228	26	1.50	0.88
FLQH4020-150	15	M	0.299	24	1.35	0.77
FLQH4020-220	22	M	0.455	15	1.05	0.62
FLQH4020-270	27	M	0.709	14	1.02	0.50
FLQH4020-330	33	M	0.715	11	0.85	0.49
FLQH4020-390	39	M	0.845	11	0.82	0.46
FLQH4020-430	43	M	0.858	10	0.77	0.45
FLQH4020-470	47	M	0.923	10	0.74	0.44

Inductance Range/電感範圍:0.24~100 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).

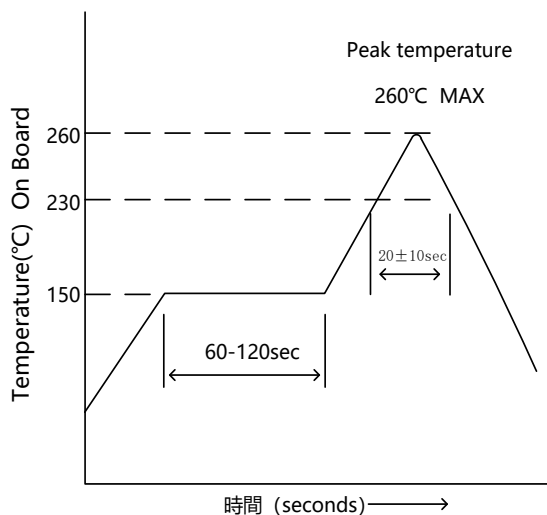


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	RDC 直流電阻 Max(Ω)	SRF(MHz) Min.	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FLQH4020-510	51	M	0.975	10	0.70	0.42
FLQH4020-560	56	M	1.040	10	0.66	0.41
FLQH4020-620	62	M	1.170	9.6	0.65	0.39
FLQH4020-680	68	M	1.380	7.7	0.61	0.36
FLQH4020-750	75	M	1.510	7.7	0.61	0.35
FLQH4020-820	82	M	1.520	7.2	0.50	0.34
FLQH4020-101	100	M	2.020	6.3	0.48	0.31

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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