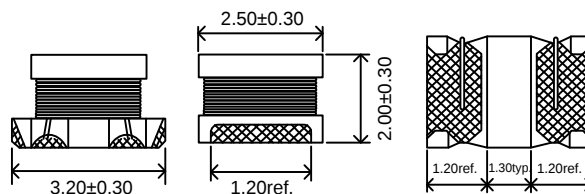




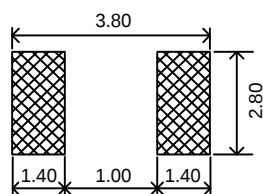
Type: FLQH3225



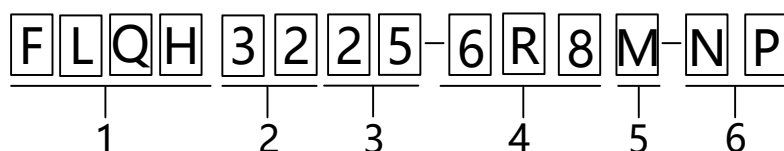
Dimensions外形尺寸(mm)



Recommended Land Pattern (mm)



PRODUCT IDENTIFICATION/產品標識



- 1.Product symbol/產品類型: FLQH(Unshielded/無屏蔽)
- 2.Body length/產品長度: mm
- 3.Body wide/產品寬度: mm
- 4.Inductance/感量: μH
- 5.Tolerance/公差: M $\pm 20\%$, K $\pm 10\%$
- 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 3.2mm type(3.5mm Max),Height 2.3mm Max.
- These miniature chip inductors wound on a special ferrite core.
- Suitable for reflow soldering.
- Widely use in DC-DC converter/Notebook/Camcorders/HDTV .

特長:

- 數量/卷:2000PCS.
- 方形3.2mm(3.5mm Max),高度2.3mm Max.
- 微型片式鐵氧體繞線電感器.
- 適用於回流焊SMT工藝.
- 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(%)	Q Ref.	SRF(MHz) Min.	RDC直流電阻 Max(Ω)	Rated Current 額定電流Max(mA)
FLQH3225-1R0	1.0	M	20	100.0	0.10	750
FLQH3225-1R2	1.2	M	20	100.0	0.12	720
FLQH3225-1R5	1.5	M	20	75.0	0.13	660
FLQH3225-1R8	1.8	M	20	60.0	0.14	640
FLQH3225-2R2	2.2	M	20	50.0	0.15	620
FLQH3225-2R7	2.7	M	20	43.0	0.18	600
FLQH3225-3R3	3.3	M	20	38.0	0.20	580
FLQH3225-3R9	3.9	M	20	35.0	0.25	540
FLQH3225-4R7	4.7	M	20	31.0	0.28	490
FLQH3225-5R6	5.6	M	20	28.0	0.36	440
FLQH3225-6R8	6.8	M	20	25.0	0.40	420
FLQH3225-8R2	8.2	M	20	23.0	0.45	390
FLQH3225-100	10	K	35	20.0	0.65	320
FLQH3225-120	12	K	35	18.0	0.70	290
FLQH3225-150	15	K	35	16.0	1.00	270
FLQH3225-180	18	K	35	15.0	1.10	240
FLQH3225-220	22	K	35	14.0	1.30	220
FLQH3225-270	27	K	35	13.0	1.60	165
FLQH3225-330	33	K	40	12.0	1.85	160
FLQH3225-390	39	K	40	11.0	2.00	152
FLQH3225-470	47	K	40	11.0	3.00	146
FLQH3225-560	56	K	40	10.0	3.20	138
FLQH3225-680	68	K	35	9.0	3.80	130
FLQH3225-820	82	K	35	8.5	5.60	105
FLQH3225-101	100	K	40	8.0	6.50	100
FLQH3225-121	120	K	40	7.5	7.00	95

Inductance Range/電感範圍:1.0~560 μH

Operating Temperature/工作溫度: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Storage Temperature/儲存溫度: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

(1) L test frequency :

1-390 μH @1MHz;
470-560 μH @1KHz;

(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 10%,or temperature to rise by 40°C , whichever is smaller(At ambient reference temperature: 25°C).

(1) 電感測試頻率:

1-390 μH @1MHz;
470-560 μH @1KHz;

(2) 最大容許電流定義:電感下降10%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).

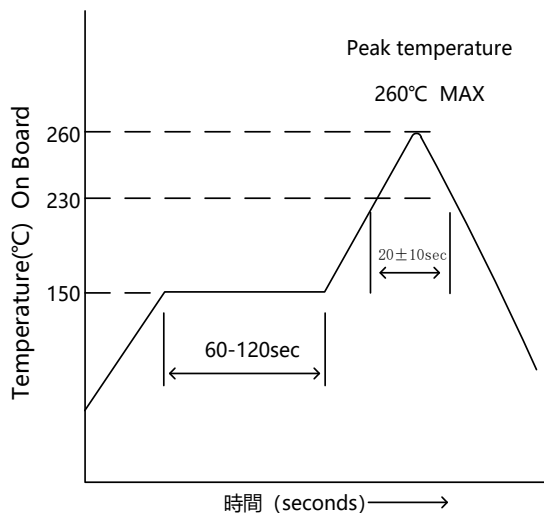


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	Q (Ref.)	SRF(MHz) Min.	RDC直流電阻 Max(Ω)	Rated Current 額定電流Max(mA)
FLQH3225-151	150	K	40	7.0	9.20	86
FLQH3225-181	180	K	40	6.0	10.20	80
FLQH3225-221	220	K	40	5.5	11.80	75
FLQH3225-271	270	K	40	5.0	14.80	70
FLQH3225-331	330	K	40	5.0	16.50	65
FLQH3225-391	390	K	46	5.0	22.00	60
FLQH3225-471	470	K	46	5.0	25.00	55
FLQH3225-561	560	K	46	5.0	28.00	48

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.

www.fonrita.com