



Fonrita
方瑞達電子

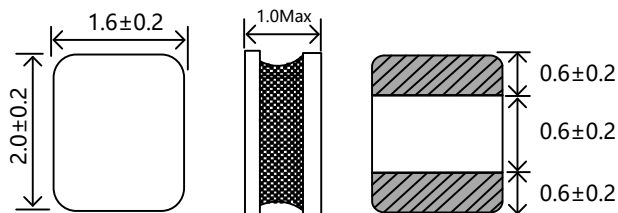
SMD POWER INDUCTORS

貼片功率電感

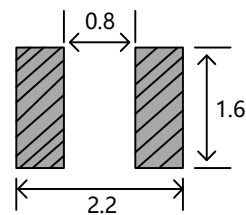
Type: FLQH201610



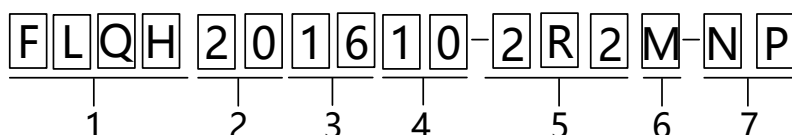
Dimensions外形尺寸 (mm)



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 wide/產品寬度: mm
4. Body height/產品高度: mm
5. Inductance/感量: μH
6. Tolerance/公差: M $\pm 20\%$, N $\pm 30\%$
7. 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 2.0mm type(2.2mm Max),Height 1.0mm 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:2000PCS.
- 方形2.0mm(2.2mm Max),高度1.0mm 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		I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
			Max(Ω)	Typ.(Ω)		
FLQH201610-R24	0.24	M	0.034	0.026	3.40	3.20
FLQH201610-R33	0.33	M	0.052	0.040	3.30	2.80
FLQH201610-R47	0.47	M	0.059	0.045	2.00	2.10
FLQH201610-R68	0.68	M	0.078	0.060	1.95	2.05
FLQH201610-1R0	1.0	M	0.114	0.095	1.65	1.45
FLQH201610-2R2	2.2	M	0.264	0.220	1.20	1.10
FLQH201610-3R3	3.3	M	0.335	0.279	0.90	0.88
FLQH201610-4R7	4.7	M	0.479	0.399	0.70	0.74
FLQH201610-6R8	6.8	M	0.816	0.680	0.60	0.52
FLQH201610-100	10	M	1.020	0.850	0.50	0.45

Inductance Range/電感範圍:0.24~10 μH

Operating Temperature/工作溫度:-40℃ ~ +125℃

Storage Temperature/儲存溫度:-40℃ ~ +125℃

(1) Test frequency :1MHz/1.0V;

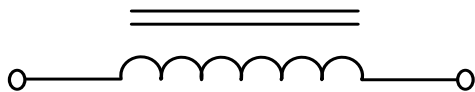
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40℃, whichever is smaller(At ambient reference temperature:25℃).

(1) 電感測試頻率:1MHz/1.0V;

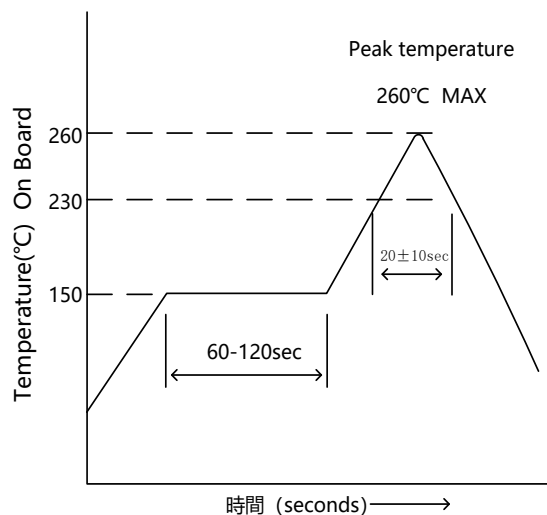
(2) 最大容許電流定義:電感下降30%或溫度上升40℃時,取其小值作為最大容許電流(周圍環境溫度25℃).



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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