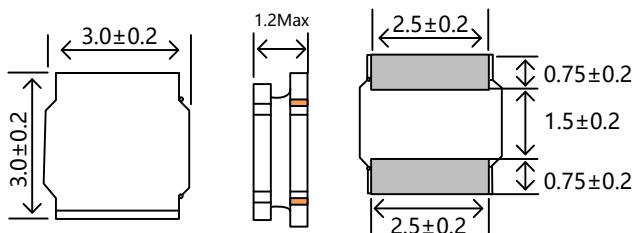




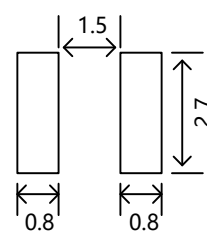
Type: HLQH3012



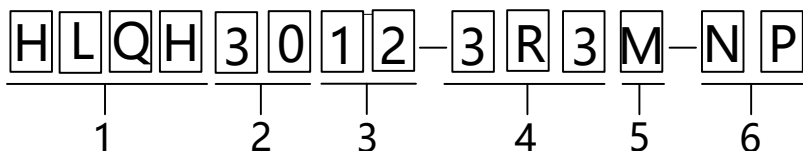
Dimensions外形尺寸 (mm)



Recommended Land Pattern (mm)



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型 : HLQH(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:2000PCS.
- Square 3.0mm type(3.2mm Max).Height 1.2mm Max.
- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels.
- High current,low DCR.
- Widely use in DC-DC converter/Notebook/Camcorders, HDTV .

特長:

- 數量/卷:2000PCS.
- 方形3.0mm(3.2mm Max),高度1.2mm Max.
- 磁性樹脂屏蔽結構將噪聲降至超低水平.
- 大電流,低直流電阻.
- 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)
HLQH3012-R33	0.33	M	0.027	107	7.20	4.20
HLQH3012-R47	0.47	M	0.033	86	6.80	3.90
HLQH3012-R68	0.68	M	0.042	63	5.80	3.40
HLQH3012-1R0	1.0	M	0.054	51	4.20	2.70
HLQH3012-1R5	1.5	M	0.074	37	3.40	2.50
HLQH3012-2R2	2.2	M	0.108	28	2.80	2.05
HLQH3012-3R3	3.3	M	0.155	25	2.20	1.70
HLQH3012-4R7	4.7	M	0.235	20	2.00	1.30
HLQH3012-6R8	6.8	M	0.340	16	1.60	1.10
HLQH3012-100	10	M	0.474	12	1.20	1.00
HLQH3012-150	15	M	0.635	12	1.10	1.00

Inductance Range/電感範圍:0.33~15 μH

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

Storage Temperature/儲存溫度:-40°C ~ +125°C

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

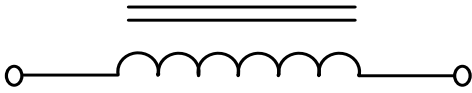
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

(1) 電感測試頻率:1MHz/1.0V;

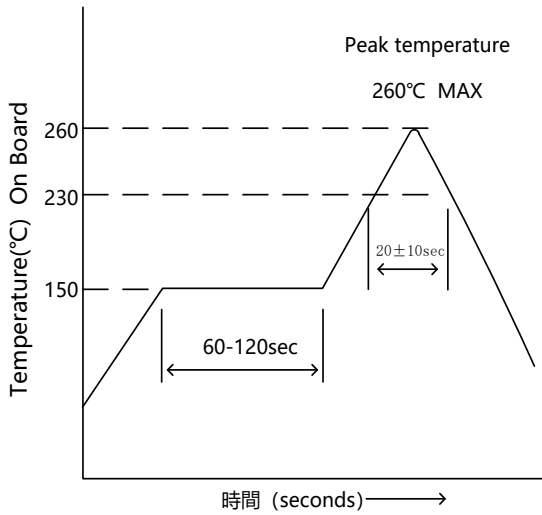
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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