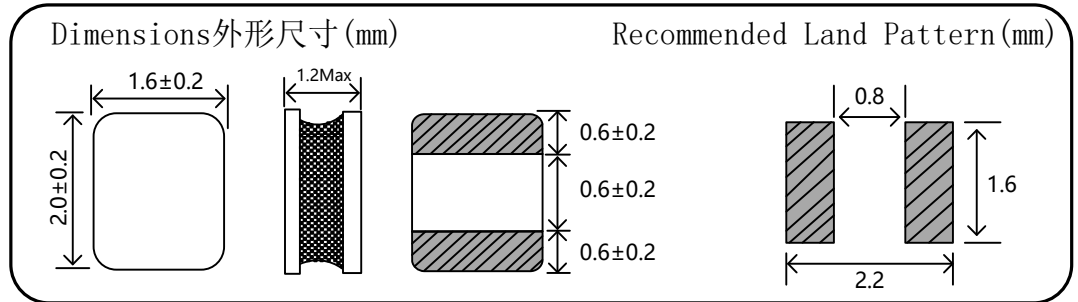
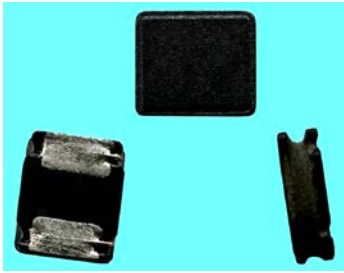
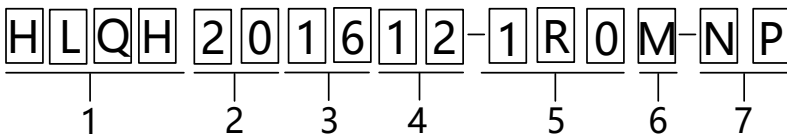




Type: HLQH201612



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 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 1.2mm 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2.0mm(2.2mm 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) |
|----------------|------------------------------------|--------------------|----------------------------|------------------|-----------------------|-----------------------|
| HLQH201612-R24 | 0.24 | M | 0.023 | 116 | 5.85 | 4.50 |
| HLQH201612-R33 | 0.33 | M | 0.031 | 95 | 5.15 | 3.85 |
| HLQH201612-R47 | 0.47 | M | 0.041 | 84 | 3.95 | 3.40 |
| HLQH201612-1R0 | 1.00 | M | 0.059 | 60 | 2.70 | 2.70 |
| HLQH201612-1R5 | 1.5 | M | 0.109 | 42 | 1.90 | 2.10 |
| HLQH201612-2R2 | 2.2 | M | 0.146 | 32 | 1.70 | 1.80 |
| HLQH201612-4R7 | 4.7 | M | 0.288 | 21 | 1.30 | 1.25 |

Inductance Range/電感範圍:0.24~4.7 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;

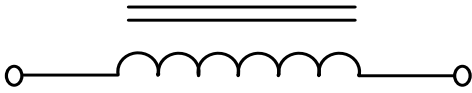
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

(1) 電感測試頻率:1MHz/1.0V;

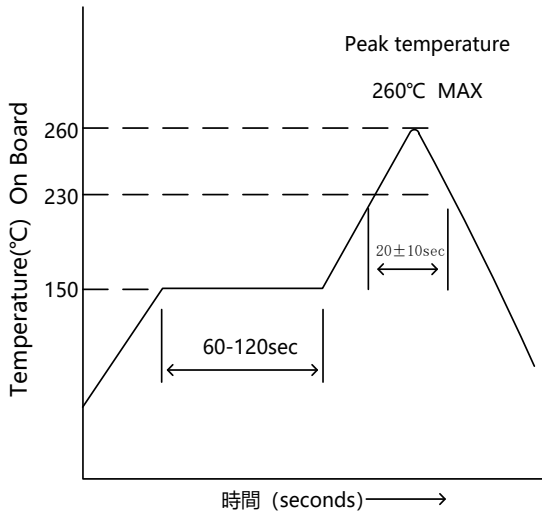
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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.

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