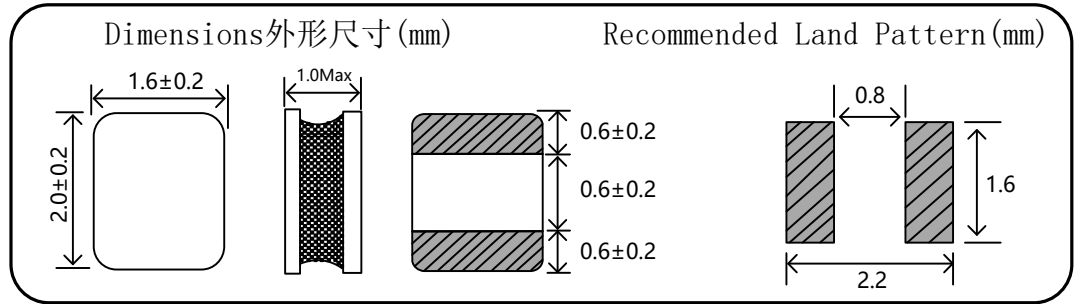
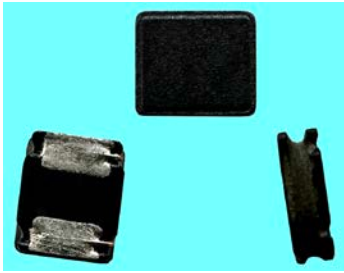
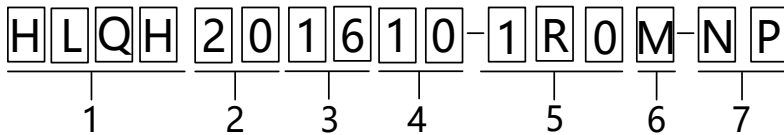




Type: HLQH201610



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 1.0mm 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1.0mm 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)
HLQH201610-R24	0.24	M	0.032	145	5.00	3.65
HLQH201610-R33	0.33	M	0.035	102	4.00	3.30
HLQH201610-R47	0.47	M	0.049	95	3.50	3.10
HLQH201610-R68	0.68	M	0.065	77	3.50	2.50
HLQH201610-1R0	1.0	M	0.090	70	2.70	2.10
HLQH201610-1R5	1.5	M	0.130	45	1.95	1.70
HLQH201610-2R2	2.2	M	0.170	39	1.90	1.45
HLQH201610-4R7	4.7	M	0.425	25	1.20	0.90
HLQH201610-100	10	M	0.826	15	0.80	0.65

Inductance Range/電感範圍:0.24~10 μH

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

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

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

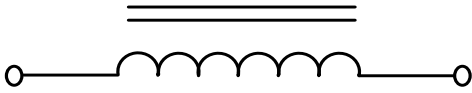
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40 $^{\circ}\text{C}$, whichever is smaller(At ambient reference temperature:25 $^{\circ}\text{C}$).

(1) 電感測試頻率:1MHz/1.0V;

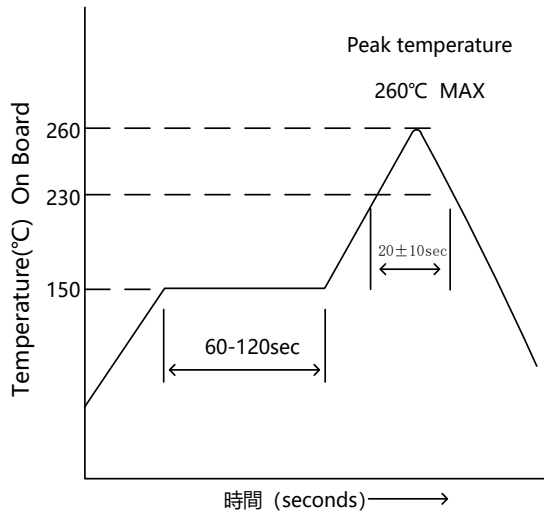
(2) 最大容許電流定義:電感下降30%或溫度上升40 $^{\circ}\text{C}$ 時,取其小值作為最大容許電流(周圍環境溫度25 $^{\circ}\text{C}$).



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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