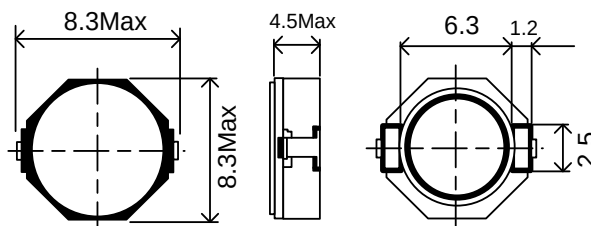




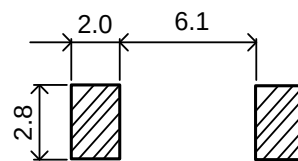
Type: FDRH0904



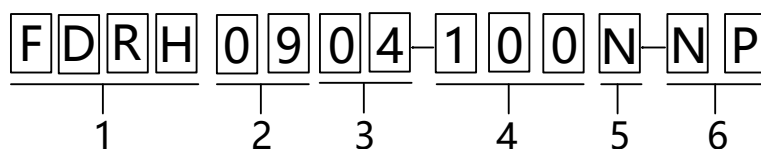
Dimensions外形尺寸(mm)



Recommended Land Pattern(mm)



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型 : FDRH (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:1000PCS.
- Square 8.3mm Max,Height 4.5mm Max.
- Magnetically shielded construction.
- Suitable for reflow soldering.
- Widely use in DC-DC converter/LCD TV/Notebook/PDA/Digital camera/Portable CDR-W etc.

特長:

- 數量/卷:1000PCS.
- 方形8.3mm Max,高度4.5mm Max.
- 閉磁路構造設計.
- 適用於回流焊SMT工藝.
- 廣泛應用於升降壓轉換器/液晶顯示器/筆記本電腦/個人掌上記事本/數碼相機/便攜式光碟機等.

ELECTRICAL CHARACTERISTICS/電氣特性

Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FDRH0904-2R0	2.0	N	0.014	7.00	5.50
FDRH0904-3N9	3.9	N	0.019	5.90	4.50
FDRH0904-4R7	4.7	N	0.022	5.60	4.10
FDRH0904-6R8	6.8	N	0.025	4.40	3.90
FDRH0904-100	10	N	0.036	4.00	3.20
FDRH0904-150	15	N	0.053	2.90	2.30
FDRH0904-220	22	N	0.075	2.60	1.80
FDRH0904-330	33	N	0.125	2.20	1.40
FDRH0904-470	47	N	0.150	1.80	1.30
FDRH0904-680	68	N	0.240	1.50	1.00
FDRH0904-101	100	N	0.360	1.30	0.80

Inductance Range/電感範圍:2.0~100 μH

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

Storage Temperature/儲存溫度:−40℃ ~ +125℃

(1) Test frequency :100KHz/1.0V:

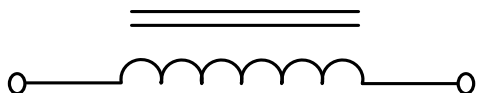
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 35%,or temperature to rise by 40℃, whichever is smaller(At ambient reference temperature:25℃).

(1) 電感測試頻率:100KHz/1.0V;

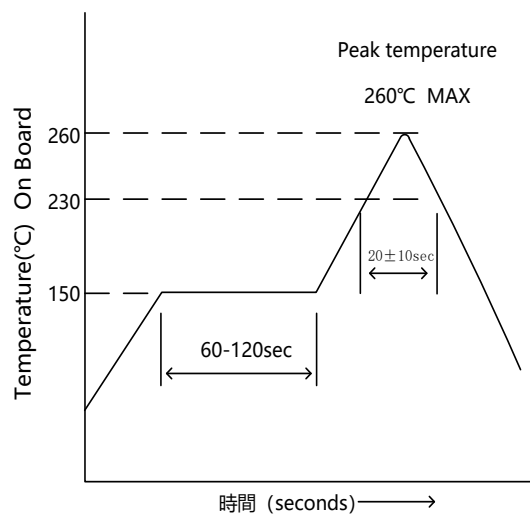
(2) 最大容許電流定義:電感下降35%或溫度上升40℃時,取其小值作為最大容許電流(周圍環境溫度25℃).



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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