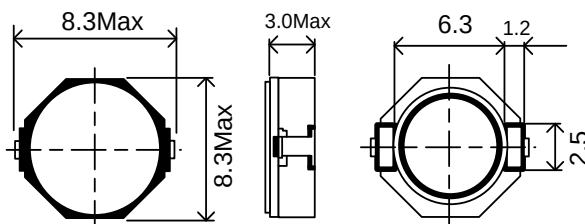




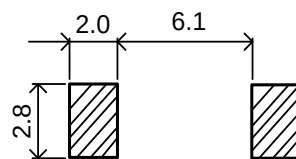
Type: FDRH0903



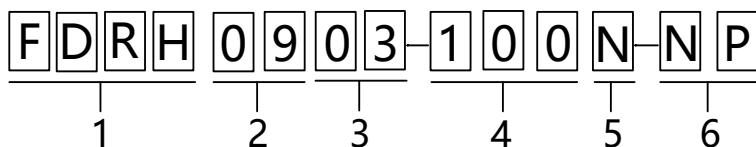
Dimensions外形尺寸(mm)



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:1500PCS.
- Square 8.3mm Max,Height 3.0mm 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:1500PCS.
- 方形8.3mm Max,高度3.0mm 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)
FDRH0903-2R5	2.5	N	0.016	4.50	6.40
FDRH0903-3R3	3.3	N	0.019	4.00	6.00
FDRH0903-4R7	4.7	N	0.025	3.40	4.50
FDRH0903-6R8	6.8	N	0.039	2.80	3.40
FDRH0903-100	10	N	0.047	2.50	3.20
FDRH0903-150	15	N	0.069	1.90	2.35
FDRH0903-220	22	N	0.099	1.60	1.85
FDRH0903-330	33	N	0.156	1.30	1.45
FDRH0903-470	47	N	0.195	1.15	1.30
FDRH0903-680	68	M	0.286	0.92	0.98
FDRH0903-101	100	M	0.430	0.75	0.80

Inductance Range/電感範圍:2.5~100 μH

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

Storage Temperature/儲存溫度:−40℃ ~ +125℃

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

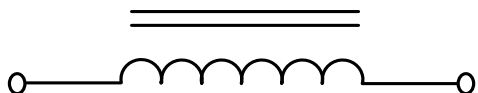
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 35%,or temperature to rise by 40℃, whichever is smaller(At ambient reference temperature:25℃).

(1) 電感測試頻率:100KHz/1.0V;

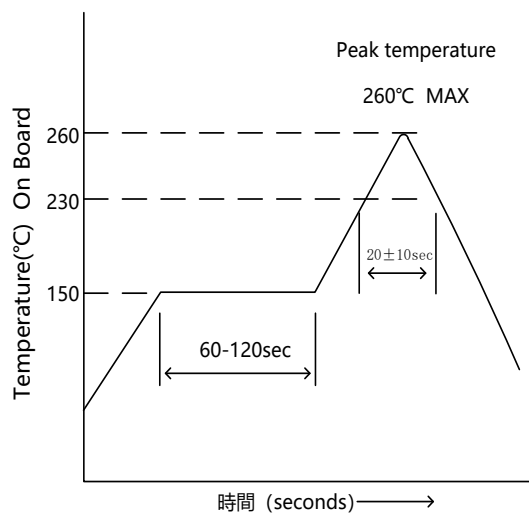
(2) 最大容許電流定義:電感下降35%或溫度上升40℃時,取其小值作為最大容許電流(周圍環境溫度25℃).



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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