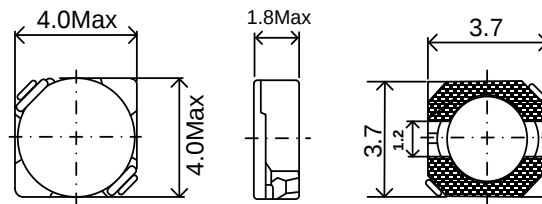




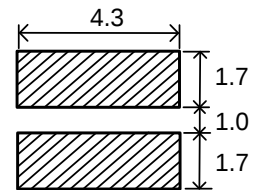
Type: FDRH3D16



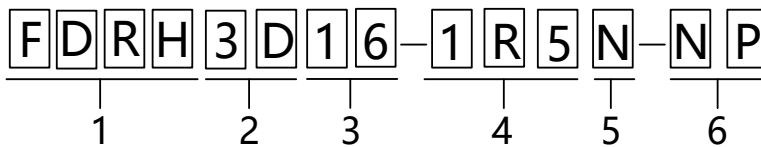
Dimensions外形尺寸 (mm)



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:3000PCS.
- Square 4.0mm Max,Height 1.8mm 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:3000PCS.
- 方形4.0mm Max,高度1.8mm 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)	Rated Current 額定電流Max(A)
FDRH3D16-1R5	1.5	N	0.052	1.550
FDRH3D16-2R2	2.2	N	0.072	1.200
FDRH3D16-3R3	3.3	N	0.085	1.100
FDRH3D16-4R7	4.7	N	0.105	0.900
FDRH3D16-6R8	6.8	N	0.170	0.730
FDRH3D16-8R2	8.2	N	0.200	0.600
FDRH3D16-100	10	N	0.210	0.550
FDRH3D16-150	15	N	0.295	0.450
FDRH3D16-220	22	N	0.430	0.400
FDRH3D16-270	27	N	0.600	0.350
FDRH3D16-330	33	N	0.675	0.320
FDRH3D16-470	47	N	0.800	0.240
FDRH3D16-680	68	N	1.100	0.220
FDRH3D16-101	100	N	1.800	0.170
FDRH3D16-561	560	N	12.24	0.039

Inductance Range/電感範圍:1.5~560 μH

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

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

(1) Test frequency :100KHz/0.1V;

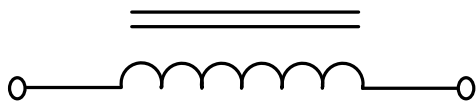
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 35%, or temperature to rise by 40°C , whichever is smaller (At ambient reference temperature: 25°C).

(1) 電感測試頻率:100KHz/0.1V;

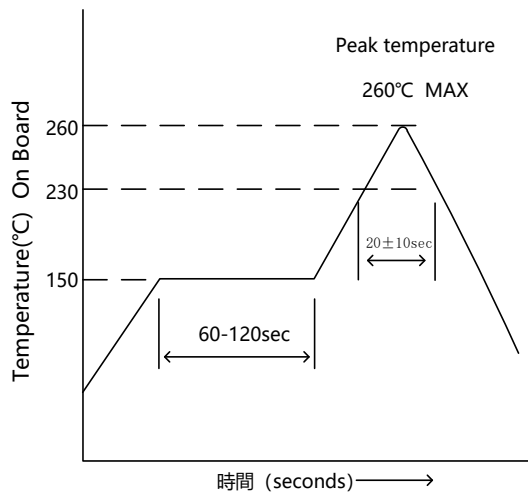
(2) 最大容許電流定義:電感下降35%或溫度上升 40°C 時,取其小值作為最大容許電流(周圍環境溫度 25°C).



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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