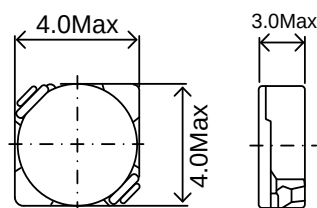




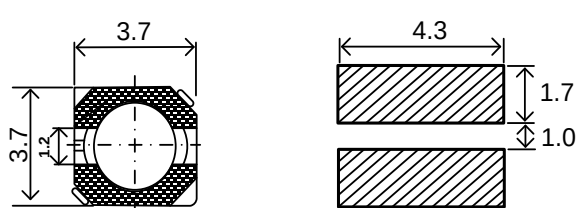
Type: FDRH3D28



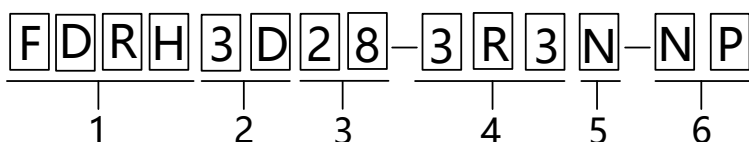
Dimensions外形尺寸(mm)



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:2000PCS.
- Square 4.0mm 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:2000PCS.
- 方形4.0mm 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)
FDRH3D28-3R3	3.3	N	0.0721	2.00	1.85
FDRH3D28-4R7	4.7	N	0.0883	1.65	1.62
FDRH3D28-6R8	6.8	N	0.1190	1.24	1.32
FDRH3D28-100	10	M	0.1450	1.05	1.18
FDRH3D28-150	15	M	0.2130	0.90	1.02
FDRH3D28-220	22	M	0.3350	0.76	0.74
FDRH3D28-330	33	M	0.4810	0.58	0.63
FDRH3D28-470	47	M	0.5990	0.48	0.56

Inductance Range/電感範圍:3.3~47 μH

Operating Temperature/工作溫度:-40°C ~ +125°C

Storage Temperature/儲存溫度:-40°C ~ +125°C

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

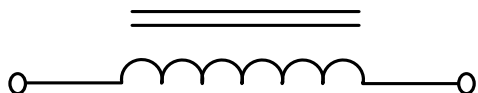
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 35%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

(1) 電感測試頻率:100KHz/1.0V:

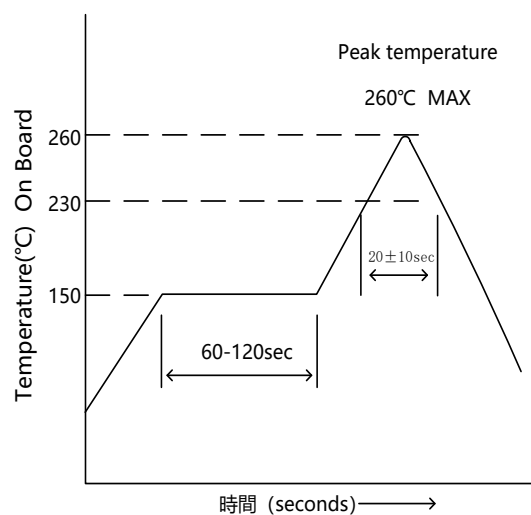
(2) 最大容許電流定義:電感下降35%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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