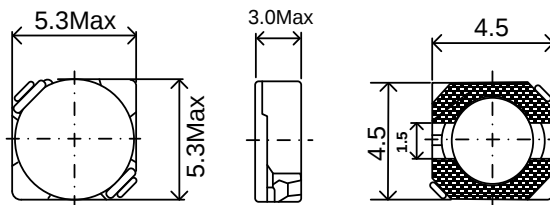




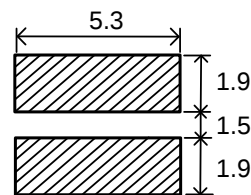
Type: FDRH4D28



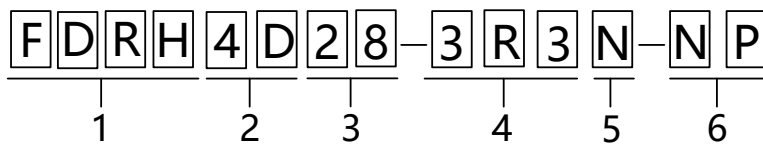
Dimensions外形尺寸(mm)



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 5.3mm 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:2000PCS.
- 方形5.3mm 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)	Rated Current 額定電流Max(A)
FDRH4D28-1R2	1.2	N	0.024	2.56
FDRH4D28-1R8	1.8	N	0.028	2.20
FDRH4D28-2R2	2.2	N	0.032	2.04
FDRH4D28-2R7	2.7	N	0.044	1.60
FDRH4D28-3R3	3.3	N	0.050	1.57
FDRH4D28-3R9	3.9	N	0.065	1.44
FDRH4D28-4R7	4.7	N	0.072	1.32
FDRH4D28-5R6	5.6	N	0.101	1.17
FDRH4D28-6R8	6.8	N	0.109	1.12
FDRH4D28-8R2	8.2	N	0.118	1.04
FDRH4D28-100	10	M	0.129	1.00
FDRH4D28-120	12	M	0.132	0.84
FDRH4D28-150	15	M	0.149	0.76
FDRH4D28-180	18	M	0.166	0.72
FDRH4D28-220	22	M	0.235	0.70
FDRH4D28-270	27	M	0.261	0.58
FDRH4D28-330	33	M	0.378	0.56
FDRH4D28-390	39	M	0.384	0.50
FDRH4D28-470	47	M	0.587	0.48
FDRH4D28-560	56	M	0.625	0.41
FDRH4D28-680	68	M	0.699	0.35
FDRH4D28-820	82	M	0.915	0.32
FDRH4D28-101	100	M	1.020	0.29
FDRH4D28-121	120	M	1.270	0.27
FDRH4D28-151	150	M	1.350	0.24
FDRH4D28-181	180	M	1.540	0.22

Inductance Range/電感範圍:1.2~390 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).

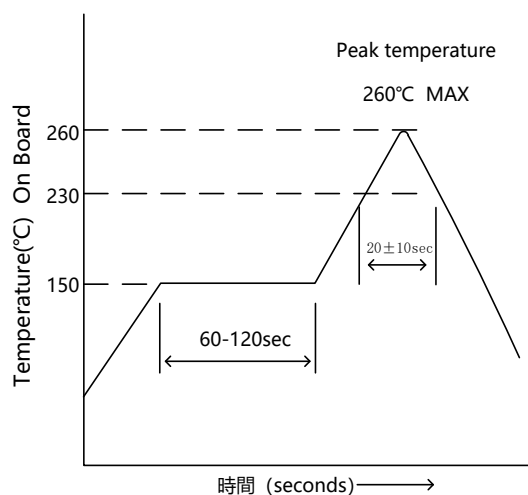


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FDRH4D28-221	220	M	1.720	0.20
FDRH4D28-271	270	M	1.950	0.16
FDRH4D28-331	330	M	2.660	0.14
FDRH4D28-391	390	M	2.830	0.13

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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