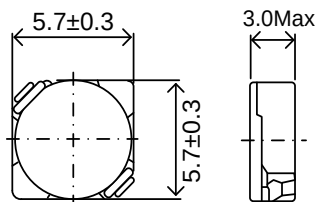




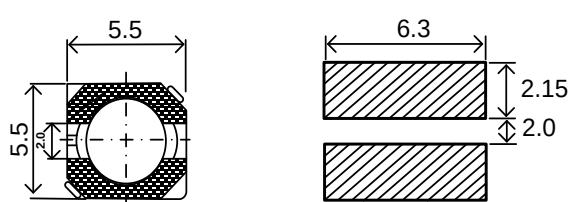
Type: FDRH5D28



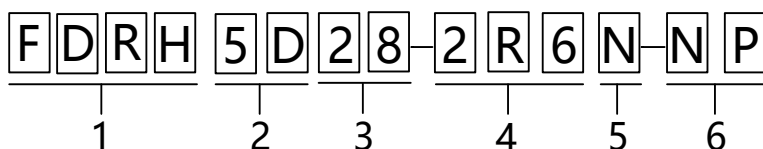
Dimensions外形尺寸(mm)



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 5.7mm type(6.0mm 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5.7mm(6.0mm 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)	Rated Current 額定電流Max(A)
FDRH5D28-2R6	2.6	N	0.018	2.60
FDRH5D28-3R0	3.0	N	0.024	2.40
FDRH5D28-3R3	3.3	N	0.027	2.25
FDRH5D28-4R2	4.2	N	0.031	2.20
FDRH5D28-5R3	5.3	N	0.038	1.90
FDRH5D28-6R2	6.2	N	0.045	1.80
FDRH5D28-8R2	8.2	N	0.053	1.60
FDRH5D28-100	10	M	0.065	1.30
FDRH5D28-120	12	M	0.076	1.20
FDRH5D28-150	15	M	0.103	1.10
FDRH5D28-180	18	M	0.110	1.00
FDRH5D28-220	22	M	0.122	0.90
FDRH5D28-270	27	M	0.175	0.85
FDRH5D28-330	33	M	0.189	0.75
FDRH5D28-390	39	M	0.212	0.70
FDRH5D28-470	47	M	0.260	0.62
FDRH5D28-560	56	M	0.305	0.58
FDRH5D28-680	68	M	0.355	0.52
FDRH5D28-820	82	M	0.463	0.46
FDRH5D28-101	100	M	0.520	0.42
FDRH5D28-121	120	M	0.560	0.40
FDRH5D28-151	150	M	0.680	0.35
FDRH5D28-181	180	M	0.930	0.32
FDRH5D28-221	220	M	1.150	0.30
FDRH5D28-271	270	M	1.560	0.27
FDRH5D28-331	330	M	1.980	0.25

Inductance Range/電感範圍:2.6~680 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).

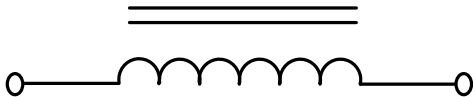
(1) 電感測試頻率:100KHz/0.1V;

(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).

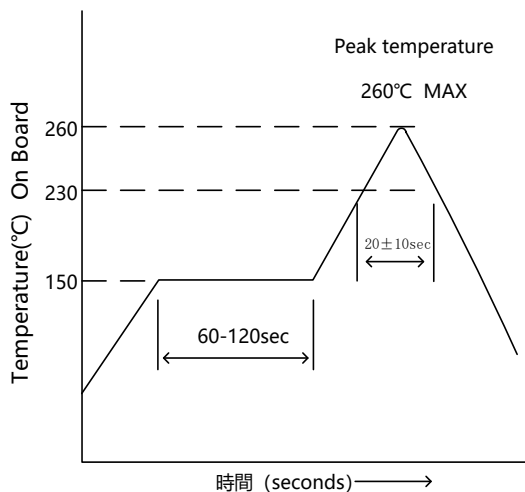


Part NO. 品名	Inductance 電感量(μ H)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FDRH5D28-391	390	M	2.500	0.22
FDRH5D28-471	470	M	2.700	0.20
FDRH5D28-561	560	M	3.120	0.18
FDRH5D28-681	680	M	4.150	0.16

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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