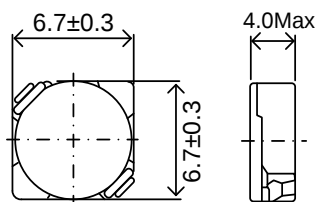




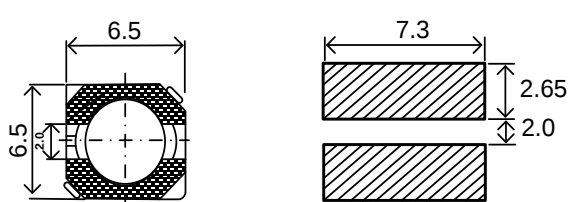
Type: FDRH6D38



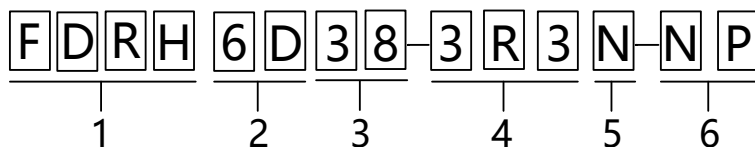
Dimensions外形尺寸(mm)



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:1000PCS.
- Square 6.7mm type(7.0mm Max),Height 4.0mm 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:1000PCS.
- 方形6.7mm(7.0mm Max),高度4.0mm 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)
FDRH6D38-3R3	3.3	N	0.020	3.50
FDRH6D38-5R0	5.0	N	0.024	2.90
FDRH6D38-6R2	6.2	N	0.027	2.50
FDRH6D38-7R4	7.4	N	0.031	2.30
FDRH6D38-8R7	8.7	N	0.034	2.20
FDRH6D38-100	10	M	0.038	2.00
FDRH6D38-120	12	M	0.053	1.70
FDRH6D38-150	15	M	0.057	1.60
FDRH6D38-180	18	M	0.092	1.50
FDRH6D38-220	22	M	0.096	1.30
FDRH6D38-270	27	M	0.109	1.20
FDRH6D38-330	33	M	0.124	1.10
FDRH6D38-390	39	M	0.138	1.00
FDRH6D38-470	47	M	0.155	0.95
FDRH6D38-560	56	M	0.202	0.85
FDRH6D38-680	68	M	0.234	0.75
FDRH6D38-820	82	M	0.324	0.70
FDRH6D38-101	100	M	0.358	0.65
FDRH6D38-121	120	M	0.470	0.59
FDRH6D38-151	150	M	0.580	0.54
FDRH6D38-181	180	M	0.690	0.49
FDRH6D38-221	220	M	0.890	0.43
FDRH6D38-271	270	M	1.290	0.40
FDRH6D38-331	330	M	1.700	0.37
FDRH6D38-391	390	M	1.750	0.34

Inductance Range/電感範圍:3.3~1000 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).

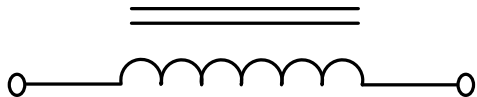
(1) 電感測試頻率:100KHz/0.1V;

(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).

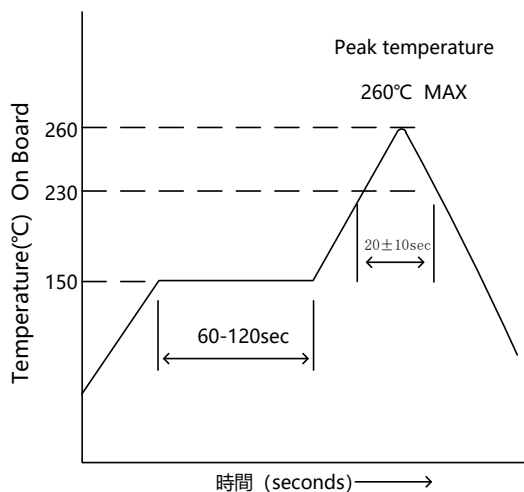


Part NO. 品名	Inductance 電感量(μ H)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FDRH6D38-471	470	M	2.200	0.32
FDRH6D38-561	560	M	2.850	0.29
FDRH6D38-681	680	M	3.200	0.25
FDRH6D38-821	820	M	4.050	0.22
FDRH6D38-102	1000	M	5.700	0.20

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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