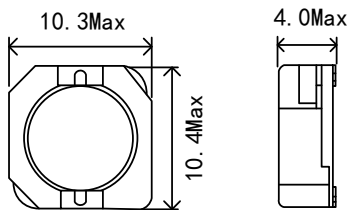




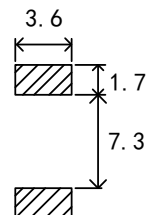
Type: FDRH104R



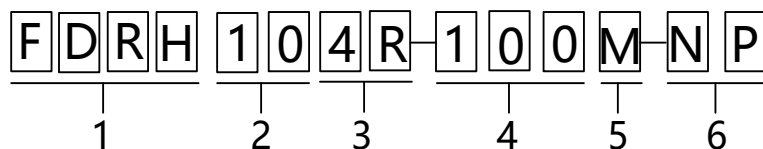
Dimensions外形尺寸(mm)



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 10.0mm type(10.4mm 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10.0mm(10.4mm 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)	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FDRH104R-1R5	1.5	N	0.0081	10.00	6.50
FDRH104R-2R5	2.5	N	0.0105	7.50	6.10
FDRH104R-3R8	3.8	N	0.013	6.00	5.50
FDRH104R-5R2	5.2	N	0.022	5.50	5.40
FDRH104R-7R0	7.0	N	0.027	4.80	4.50
FDRH104R-100	10	M	0.035	4.40	3.80
FDRH104R-120	12	M	0.046	3.70	3.40
FDRH104R-150	15	M	0.050	3.60	3.10
FDRH104R-180	18	M	0.069	3.10	2.60
FDRH104R-220	22	M	0.073	2.90	2.50
FDRH104R-270	27	M	0.088	2.60	2.30
FDRH104R-330	33	M	0.093	2.30	2.20
FDRH104R-390	39	M	0.127	2.20	2.00
FDRH104R-470	47	M	0.128	2.10	1.90
FDRH104R-560	56	M	0.188	1.65	1.50
FDRH104R-680	68	M	0.213	1.50	1.42
FDRH104R-820	82	M	0.283	1.45	1.30
FDRH104R-101	100	M	0.304	1.35	1.25
FDRH104R-121	120	M	0.375	1.20	1.08
FDRH104R-151	150	M	0.506	1.15	0.85
FDRH104R-181	180	M	0.568	1.00	0.75
FDRH104R-221	220	M	0.756	0.92	0.70
FDRH104R-271	270	M	0.853	0.84	0.55
FDRH104R-331	330	M	1.090	0.70	0.52

Inductance Range/電感範圍:1.5~330 μH

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

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

(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 $^{\circ}\text{C}$, whichever is smaller(At ambient reference temperature:25 $^{\circ}\text{C}$).

(1) 電感測試頻率:100KHz/1.0V:

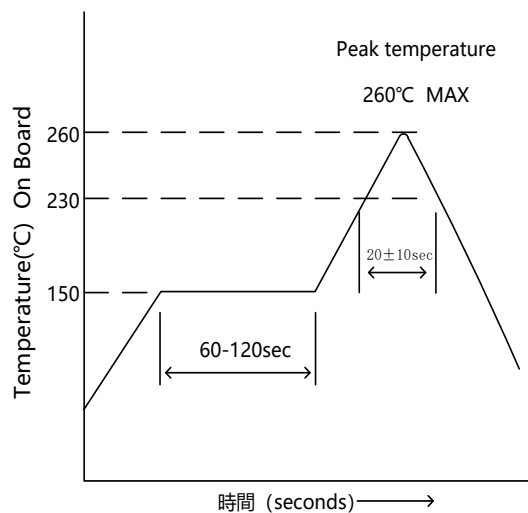
(2) 最大容許電流定義:電感下降35%或溫度上升40 $^{\circ}\text{C}$ 時,取其小值作為最大容許電流(周圍環境溫度25 $^{\circ}\text{C}$).



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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