

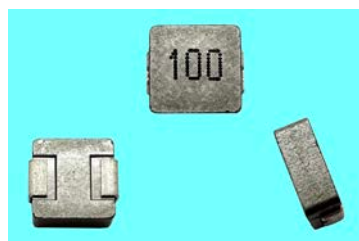


Fonrita
方瑞達電子

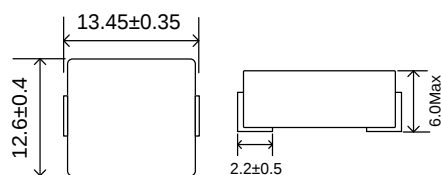
MOLDING POWER INDUCTORS

一體成型電感

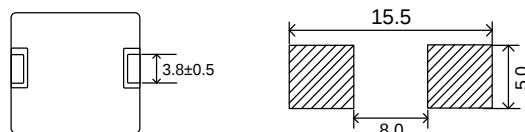
Type: FDMC1260



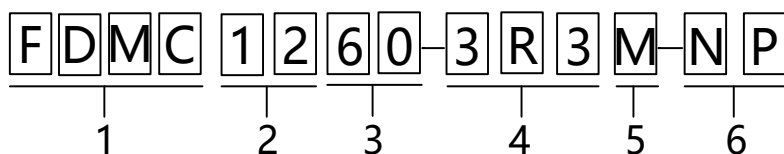
Dimensions外形尺寸(mm)



Recommended Land Pattern(mm)



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型 : FDMC (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:500PCS.
- Square 13.8mm Max,Height 6.0mm Max.
- Powder iron core material.
- High current,low DCR,high efficiency.
- Widely use in DC-DC converter/Notebook/CPU/Portable communications equipment/Camcorders/HDTV/car audio .

特長:

- 數量/卷:500PCS.
- 方形 13.8mm Max,高度6.0mm Max.
- 鐵合金材料.
- 大電流, 低直流電阻, 高效率.
- 廣泛應用於升降壓轉換器/筆記本電腦/電腦主板/便攜式通訊設備/攝像機/高清電視/汽車音響.

ELECTRICAL CHARACTERISTICS/電氣特性

Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	D.C.R. 直流電阻 Typ(m Ω)	Max(m Ω)	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FDMC1260-1R5	1.5	M	2.60	2.90	27.0	23.0
FDMC1260-2R2	2.2	M	3.90	4.20	24.0	18.0
FDMC1260-3R3	3.3	M	6.20	8.00	21.0	14.0
FDMC1260-4R7	4.7	M	7.60	9.00	17.5	12.0
FDMC1260-5R6	5.6	M	10.0	11.0	14.0	11.0
FDMC1260-6R8	6.8	M	12.0	13.5	13.0	10.0
FDMC1260-8R2	8.2	M	15.0	18.6	10.8	9.0
FDMC1260-100	10	M	18.0	20.7	11.1	8.5
FDMC1260-150	15	M	25.0	29.0	7.2	7.5
FDMC1260-180	18	M	30.0	35.0	6.4	6.5
FDMC1260-220	22	M	34.0	39.5	6.0	6.0
FDMC1260-270	27	M	50.0	56.0	5.2	5.0
FDMC1260-330	33	M	65.0	75.0	4.8	4.8
FDMC1260-470	47	M	80.0	90.0	4.4	4.2
FDMC1260-680	68	M	120.0	140.0	3.6	3.2
FDMC1260-101	100	M	180.0	200.0	2.8	2.5

Inductance Range/電感範圍:1.5~100 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;

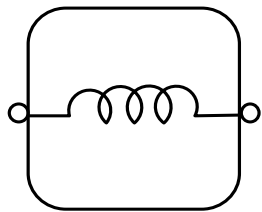
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

(1) 電感測試頻率:100KHz/1.0V;

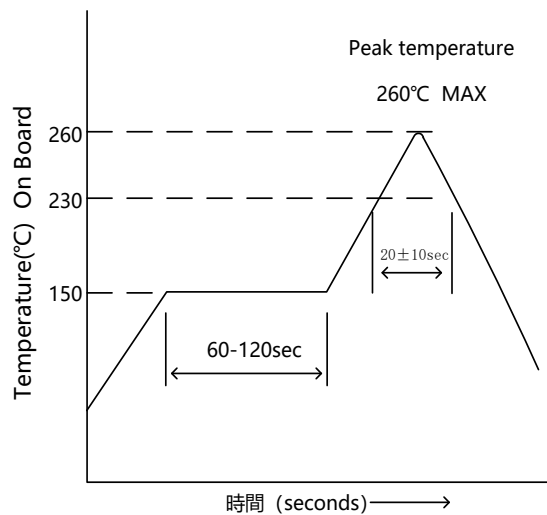
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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