



Fonrita
方瑞達電子

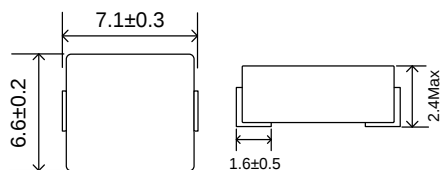
MOLDING POWER INDUCTORS

一體成型電感

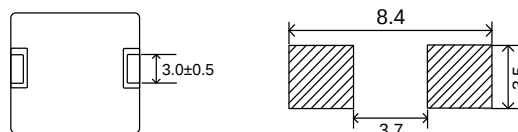
Type: FDMC0624



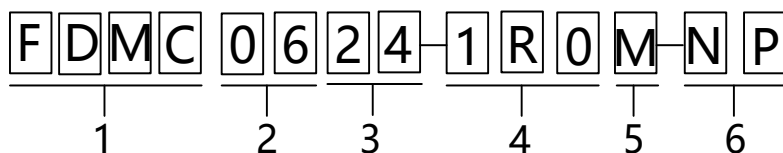
Dimensions外形尺寸 (mm)



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:1500PCS.
- Square 7.4mm Max,Height 2.4mm 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:1500PCS.
- 方形7.4mm Max,高度2.4mm 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		I sat(Typ.) 飽和電流(A)	I rms(Typ.) 溫升電流(A)
			Typ(m Ω)	Max(m Ω)		
FDMC0624-R10	0.10	M	1.20	1.35	37.0	27.0
FDMC0624-R15	0.15	M	1.63	2.30	35.0	25.0
FDMC0624-R22	0.22	M	2.60	3.00	34.0	21.0
FDMC0624-R33	0.33	M	3.50	4.10	24.5	18.0
FDMC0624-R47	0.47	M	4.80	5.10	22.0	15.0
FDMC0624-R56	0.56	M	5.50	6.50	17.0	13.0
FDMC0624-R68	0.68	M	5.80	7.00	16.0	12.0
FDMC0624-1R0	1.0	M	13.6	17.0	16.0	9.0
FDMC0624-1R5	1.5	M	17.0	20.0	13.5	9.0
FDMC0624-2R2	2.2	M	22.5	28.0	11.0	7.0
FDMC0624-3R3	3.3	M	35.0	39.0	8.5	5.5
FDMC0624-4R7	4.7	M	45.5	63.0	7.5	5.0
FDMC0624-6R8	6.8	M	62.0	70.0	5.5	4.0
FDMC0624-100	10	M	90.5	101.0	4.0	3.1
FDMC0624-150	15	M	135.0	160.0	3.3	2.5
FDMC0624-220	22	M	200.0	230.0	2.5	2.0

Inductance Range/電感範圍:0.10~22 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;

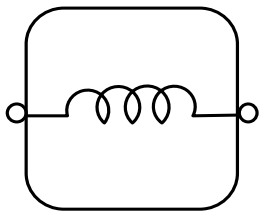
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

(1) 電感測試頻率:100KHz/1.0V;

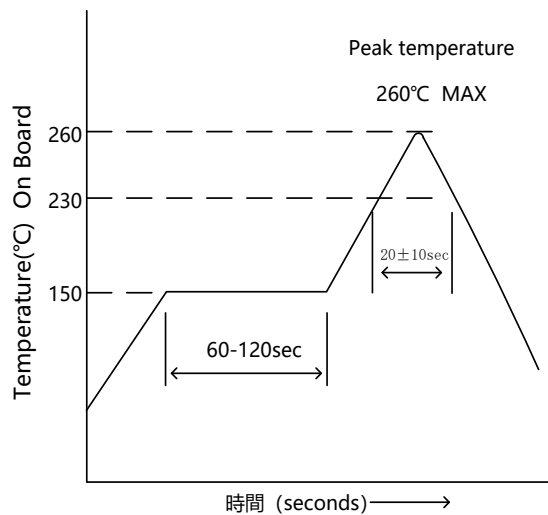
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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