



Fonrita
方瑞達電子

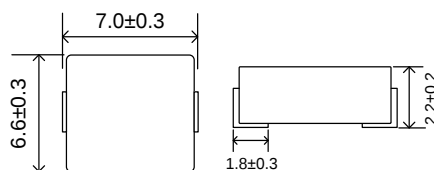
MOLDING POWER INDUCTORS

一體成型電感

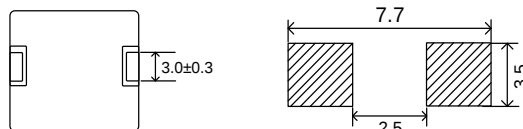
Type: CDMC0624



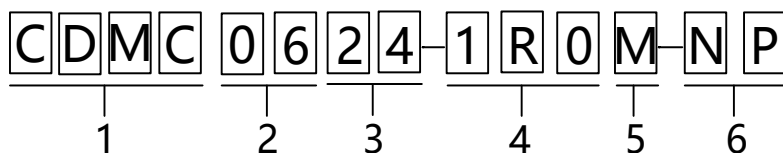
Dimensions外形尺寸(mm)



Recommended Land Pattern(mm)



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型 : CDMC (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 7.0mm type(7.3mm Max),Height 2.4mm Max.
- Carbonyl Powder.
- 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7.0mm(7.3mm Max),高度2.4mm Max.
- 材質羰基粉.
- 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)		
CDMC0624-R10	0.10	N	1.4	1.7	70.0	30.0
CDMC0624-R15	0.15	N	1.8	2.3	45.0	30.0
CDMC0624-R22	0.22	M	2.0	3.2	34.0	21.0
CDMC0624-R33	0.33	M	3.6	4.4	30.0	18.0
CDMC0624-R36	0.36	M	3.8	4.6	29.0	17.0
CDMC0624-R47	0.47	M	4.8	5.1	26.0	15.0
CDMC0624-R56	0.56	M	5.5	6.5	24.0	13.0
CDMC0624-R68	0.68	M	6.4	7.2	21.0	13.0
CDMC0624-R82	0.82	M	8.0	9.5	17.0	11.0
CDMC0624-1R0	1.0	M	10.5	13.5	16.0	11.0
CDMC0624-1R5	1.5	M	17.0	20.0	15.0	9.0
CDMC0624-2R2	2.2	M	23.0	28.0	14.0	7.0
CDMC0624-3R3	3.3	M	34.0	39.0	10.0	6.0
CDMC0624-4R7	4.7	M	41.0	50.0	9.0	5.5
CDMC0624-5R6	5.6	M	56.0	62.0	8.0	5.0
CDMC0624-6R8	6.8	M	65.0	72.0	7.0	4.0
CDMC0624-8R2	8.2	M	81.0	95.0	6.0	3.6
CDMC0624-100	10	M	92.0	101.0	5.0	3.2
CDMC0624-150	15	M	150.0	180.0	3.5	2.5
CDMC0624-220	22	M	185.0	215.0	3.0	1.8

Inductance Range/電感範圍:0.1~22 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;

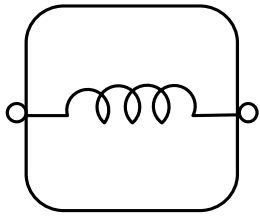
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

(1) 電感測試頻率:100KHz/1.0V;

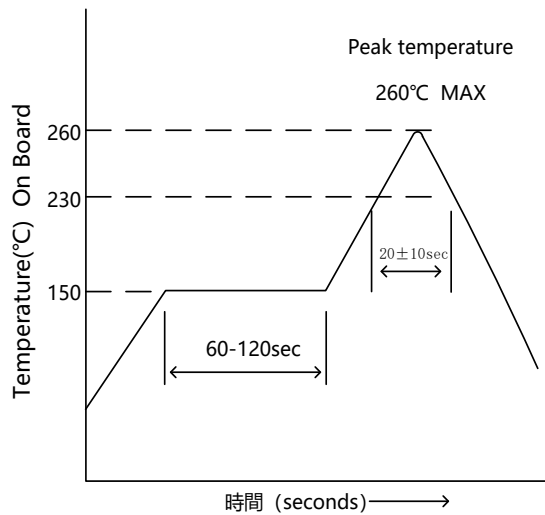
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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