



Fonrita
方瑞達電子

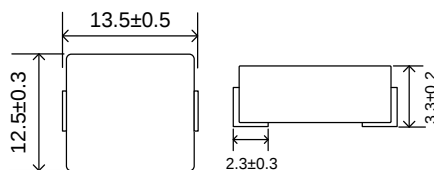
MOLDING POWER INDUCTORS

一體成型電感

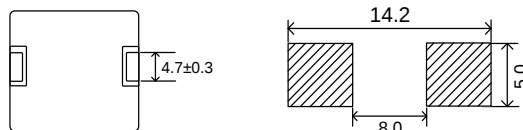
Type: CDMC1235



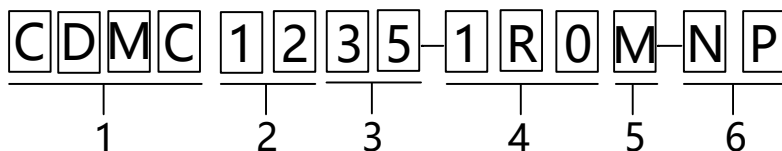
Dimensions外形尺寸(mm)



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:500PCS.
- Square 13.5mm type(14.0mm Max),Height 3.5mm 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:500PCS.
- 方形13.5mm(14.0mm Max),高度3.5mm 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)		
CDMC1235-1R0	1.0	M	2.70	3.50	40.00	24.00
CDMC1235-1R5	1.5	M	4.80	5.50	35.00	19.00
CDMC1235-2R2	2.2	M	6.30	8.00	29.00	16.00
CDMC1235-3R3	3.3	M	11.00	13.50	27.00	12.00
CDMC1235-4R7	4.7	M	15.30	18.50	24.00	10.00
CDMC1235-5R6	5.6	M	18.00	22.00	19.00	9.50
CDMC1235-6R8	6.8	M	20.00	24.00	18.00	9.00
CDMC1235-8R2	8.2	M	23.00	28.00	16.00	8.50
CDMC1235-100	10	M	29.00	34.00	14.00	7.00
CDMC1235-150	15	M	55.00	65.00	10.00	6.50
CDMC1235-220	22	M	83.00	99.00	7.00	4.50
CDMC1235-330	33	M	132.00	160.00	6.00	3.50
CDMC1235-470	47	M	181.00	218.00	5.50	3.00

Inductance Range/電感範圍:1.0~47 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;

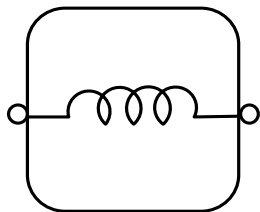
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C) .

(1) 電感測試頻率:100KHz/1.0V;

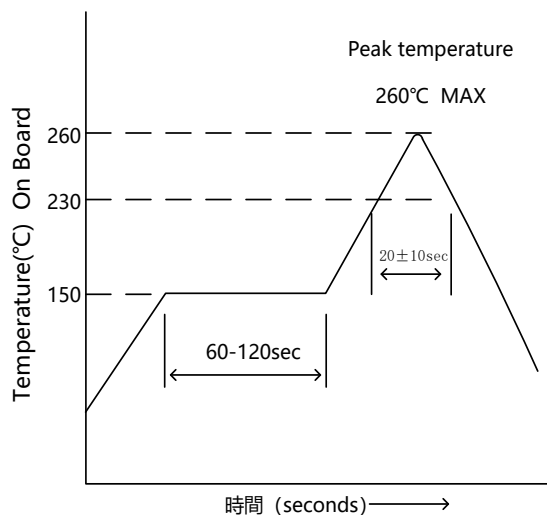
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C) .



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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