



Fonrita
方瑞達電子

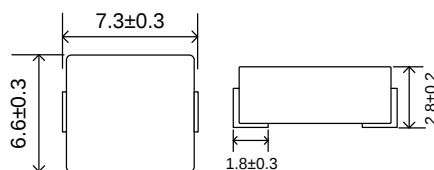
MOLDING POWER INDUCTORS

一體成型電感

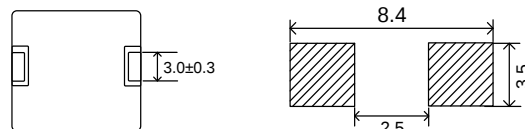
Type: CDMC0630



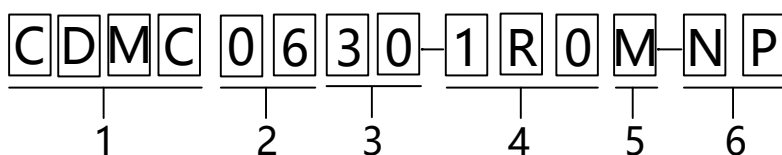
Dimensions外形尺寸(mm)



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:1000PCS.
- Square 7.3mm type(7.6mm Max),Height 3.0mm 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:1000PCS.
- 方形7.3mm(7.6mm Max),高度3.0mm 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)		
CDMC0630-R10	0.10	N	1.2	1.7	60.0	32.5
CDMC0630-R22	0.22	N	2.1	2.8	40.0	23.0
CDMC0630-R33	0.33	M	3.5	3.9	32.0	20.0
CDMC0630-R36	0.36	M	3.6	4.2	32.0	19.0
CDMC0630-R47	0.47	M	4.0	4.2	26.0	17.5
CDMC0630-R56	0.56	M	4.7	5.0	25.5	16.5
CDMC0630-R68	0.68	M	4.8	5.5	25.0	15.5
CDMC0630-R82	0.82	M	6.7	8.0	24.0	13.0
CDMC0630-1R0	1.0	M	8.3	10.0	22.0	11.0
CDMC0630-1R5	1.5	M	13.0	15.0	18.0	9.0
CDMC0630-2R2	2.2	M	18.0	20.0	14.0	8.0
CDMC0630-3R3	3.3	M	28.0	30.0	13.5	6.0
CDMC0630-4R7	4.7	M	37.0	40.0	10.0	5.5
CDMC0630-5R6	5.6	M	43.0	48.0	9.0	5.0
CDMC0630-6R8	6.8	M	54.0	60.0	8.0	4.5
CDMC0630-8R2	8.2	M	64.0	68.0	7.5	4.0
CDMC0630-100	10	M	75.0	85.0	6.0	3.5
CDMC0630-150	15	M	107.0	123.0	4.0	3.0
CDMC0630-220	22	M	165.0	190.0	3.5	2.0
CDMC0630-330	33	M	220.0	240.0	2.5	2.0
CDMC0630-470	47	M	302.0	363.0	2.0	1.7

Inductance Range/電感範圍:0.1~47 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;

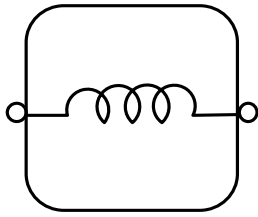
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C) .

(1) 電感測試頻率:100KHz/1.0V;

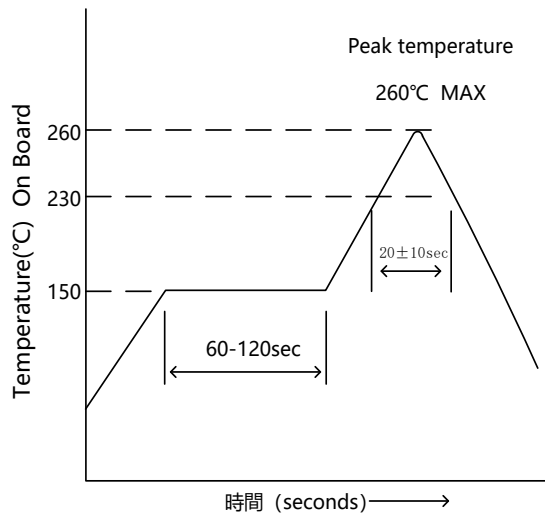
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C) .



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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