



Fonrita
方瑞達電子

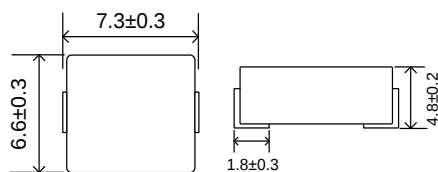
MOLDING POWER INDUCTORS

一體成型電感

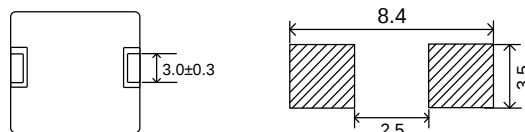
Type: CDMC0650



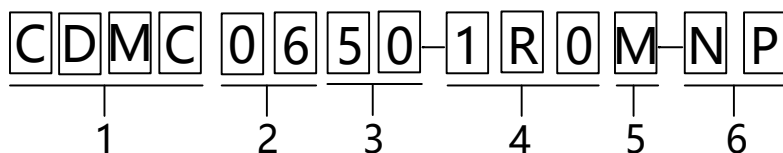
Dimensions外形尺寸(mm)



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:800PCS.
- Square 7.3mm type(7.6mm Max),Height 5.0mm 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:800PCS.
- 方形7.3mm(7.6mm Max),高度5.0mm 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)		
CDMC0650-R33	0.33	M	2.5	3.0	32.0	25.0
CDMC0650-R47	0.47	M	3.5	3.9	30.0	22.0
CDMC0650-R56	0.56	M	3.6	4.2	27.0	20.0
CDMC0650-R68	0.68	M	4.0	4.5	24.0	18.0
CDMC0650-R82	0.82	M	4.6	4.9	22.0	16.5
CDMC0650-1R0	1.0	M	6.1	6.5	20.0	15.0
CDMC0650-1R5	1.5	M	8.6	9.0	16.5	12.0
CDMC0650-2R2	2.2	M	11.2	12.0	14.0	10.0
CDMC0650-3R3	3.3	M	19.0	20.9	12.0	8.0
CDMC0650-4R7	4.7	M	28.0	30.8	10.0	6.5
CDMC0650-5R6	5.6	M	43.5	49.0	9.0	6.0
CDMC0650-6R8	6.8	M	46.0	51.5	8.5	5.5
CDMC0650-8R2	8.2	M	56.0	63.0	8.0	5.0
CDMC0650-100	10	M	60.0	69.0	7.5	4.0
CDMC0650-150	15	M	81.0	92.0	6.0	3.5
CDMC0650-220	22	M	140.0	170.0	5.5	2.5
CDMC0650-330	33	M	173.0	200.0	3.5	2.0
CDMC0650-470	47	M	290.0	330.0	2.7	1.9
CDMC0650-560	56	M	342.0	396.0	2.1	1.6
CDMC0650-680	68	M	386.0	445.0	2.0	1.2

Inductance Range/電感範圍:0.33~68 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;

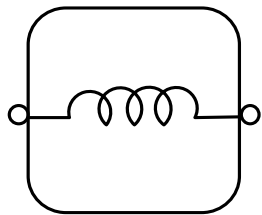
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

(1) 電感測試頻率:100KHz/1.0V;

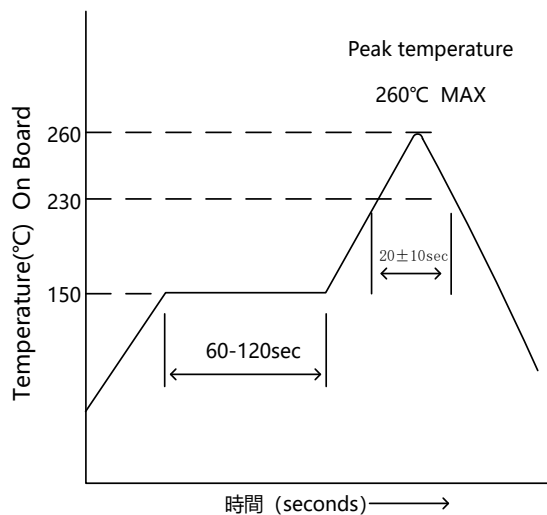
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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