



Fonrita
方瑞達電子

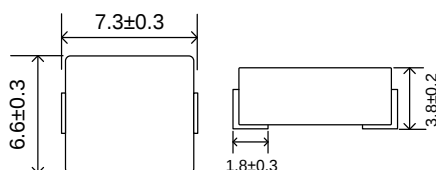
MOLDING POWER INDUCTORS

一體成型電感

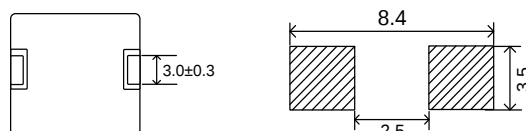
Type: CDMC0640



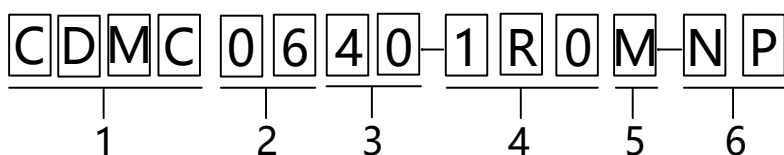
Dimensions外形尺寸 (mm)



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 4.0mm 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4.0mm 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)		
CDMC0640-R12	0.12	N	0.7	1.0	64.0	32.0
CDMC0640-R15	0.15	N	0.9	1.2	55.0	30.0
CDMC0640-R47	0.47	M	3.0	3.4	28.0	23.0
CDMC0640-R56	0.56	M	3.8	4.3	26.0	20.0
CDMC0640-R68	0.68	M	4.1	4.5	24.0	16.0
CDMC0640-1R0	1.0	M	6.8	8.0	22.0	14.0
CDMC0640-1R5	1.5	M	10.0	12.0	20.0	12.0
CDMC0640-2R2	2.2	M	11.5	14.0	14.0	9.0
CDMC0640-3R3	3.3	M	24.0	27.0	12.0	8.0
CDMC0640-4R7	4.7	M	28.0	32.5	11.0	6.0
CDMC0640-5R6	5.6	M	33.0	38.0	9.0	5.0
CDMC0640-6R8	6.8	M	44.0	50.0	8.5	4.5
CDMC0640-8R2	8.2	M	55.0	64.0	8.0	4.5
CDMC0640-100	10	M	64.0	72.0	7.0	4.0
CDMC0640-150	15	M	80.0	90.0	3.5	3.0
CDMC0640-220	22	M	120.0	145.0	3.5	2.5
CDMC0640-330	33	M	180.0	210.0	3.2	1.8
CDMC0640-470	47	M	295.0	350.0	2.5	1.8

Inductance Range/電感範圍:0.12~47 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;

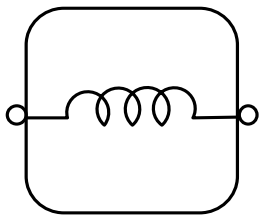
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

(1) 電感測試頻率:100KHz/1.0V;

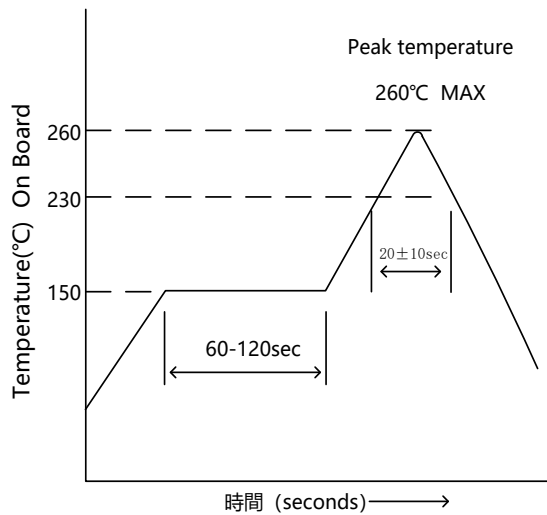
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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