



Fonrita
方瑞達電子

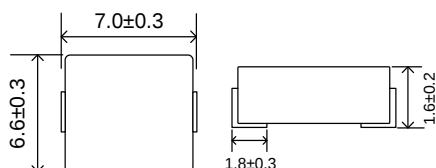
MOLDING POWER INDUCTORS

一體成型電感

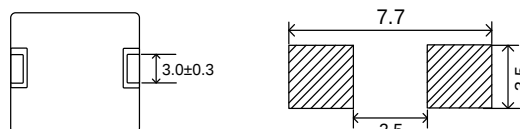
Type: CDMC0618



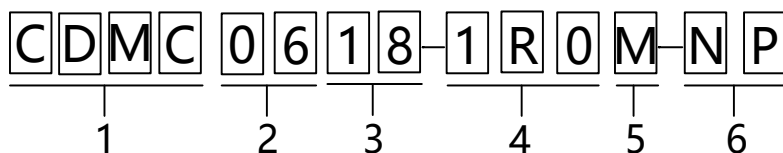
Dimensions外形尺寸(mm)



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:2000PCS.
- Square 7.0mm type(7.3mm Max),Height 1.8mm 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:2000PCS.
- 方形7.0mm(7.3mm Max),高度1.8mm 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)		
CDMC0618-R10	0.10	N	2.1	2.5	45.0	18.0
CDMC0618-R15	0.15	N	2.2	2.6	34.0	18.0
CDMC0618-R22	0.22	M	2.5	3.0	26.0	16.0
CDMC0618-R33	0.33	M	4.8	5.8	22.0	14.0
CDMC0618-R47	0.47	M	6.4	7.4	18.0	12.0
CDMC0618-R56	0.56	M	8.5	10.0	17.5	11.0
CDMC0618-R68	0.68	M	9.5	11.0	17.0	10.0
CDMC0618-R82	0.82	M	11.5	14.0	15.5	8.5
CDMC0618-1R0	1.0	M	14.5	17.0	14.0	7.0
CDMC0618-1R5	1.5	M	21.0	25.2	13.0	6.0
CDMC0618-2R2	2.2	M	31.0	35.0	11.0	6.0
CDMC0618-3R3	3.3	M	40.0	46.0	9.0	5.0
CDMC0618-4R7	4.7	M	68.0	76.0	7.0	4.0
CDMC0618-5R6	5.6	M	78.0	86.0	6.0	3.5
CDMC0618-6R8	6.8	M	93.0	104.0	5.5	3.00
CDMC0618-8R2	8.2	M	123.0	140.0	4.5	2.60
CDMC0618-100	10	M	143.0	160.0	3.5	2.30
CDMC0618-150	15	M	240.0	280.0	3.0	2.00
CDMC0618-220	22	M	300.0	360.0	2.5	1.80

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;

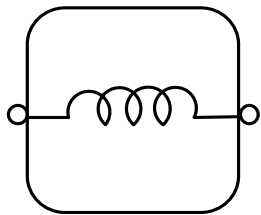
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C) .

(1) 電感測試頻率:100KHz/1.0V;

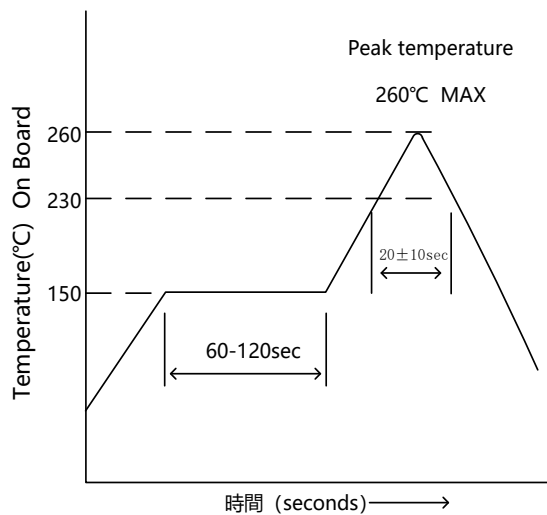
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C) .



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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