



Fonrita
方瑞達電子

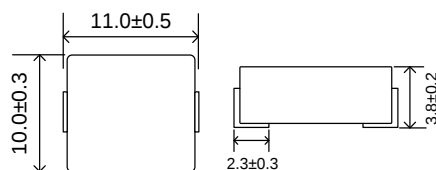
MOLDING POWER INDUCTORS

一體成型電感

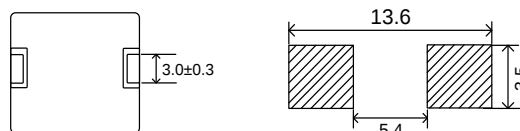
Type: CDMC1040



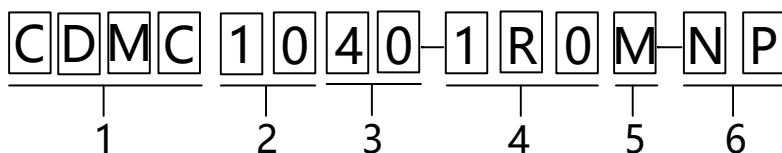
Dimensions外形尺寸(mm)



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 11.0mm type(11.5mm 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:500PCS.
- 方形11.0mm(11.5mm 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)		
CDMC1040-R15	0.15	N	0.50	0.60	75.0	43.0
CDMC1040-R22	0.22	M	0.80	1.00	60.0	35.0
CDMC1040-R33	0.33	M	1.00	1.20	60.0	31.0
CDMC1040-R36	0.36	M	1.05	1.20	60.0	31.0
CDMC1040-R47	0.47	M	1.30	1.50	43.0	28.0
CDMC1040-R56	0.56	M	1.60	1.80	40.0	25.0
CDMC1040-R68	0.68	M	2.40	2.70	39.0	22.0
CDMC1040-1R0	1.0	M	3.00	3.30	36.0	18.0
CDMC1040-1R5	1.5	M	4.00	4.60	33.0	16.0
CDMC1040-2R2	2.2	M	6.50	7.00	27.0	12.0
CDMC1040-3R3	3.3	M	10.8	11.8	20.0	11.0
CDMC1040-4R7	4.7	M	15.0	15.5	17.0	10.0
CDMC1040-5R6	5.6	M	17.0	19.3	14.0	9.00
CDMC1040-6R8	6.8	M	17.5	23.3	13.5	8.50
CDMC1040-8R2	8.2	M	20.0	22.5	12.5	8.00
CDMC1040-100	10	M	27.0	30.0	12.0	7.50
CDMC1040-150	15	M	40.0	45.0	10.0	6.25
CDMC1040-220	22	M	64.0	74.0	7.00	5.00
CDMC1040-330	33	M	92.0	112.0	5.00	3.50
CDMC1040-470	47	M	145.0	167.0	4.50	3.00
CDMC1040-680	68	M	205.0	240.0	3.00	2.00
CDMC1040-820	82	M	265.0	320.0	2.50	1.50

Inductance Range/電感範圍:0.15~82 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;

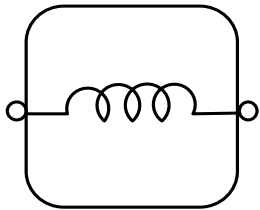
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

(1) 電感測試頻率:100KHz/1.0V;

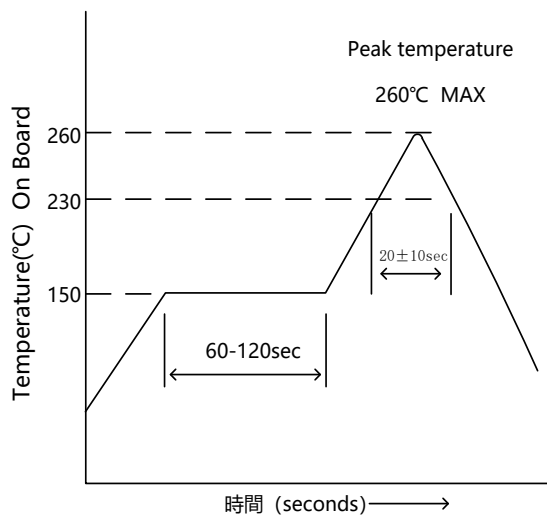
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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