



Fonrita
方瑞達電子

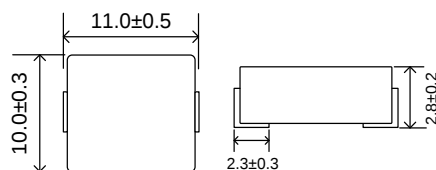
MOLDING POWER INDUCTORS

一體成型電感

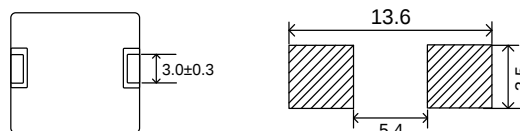
Type: CDMC1030



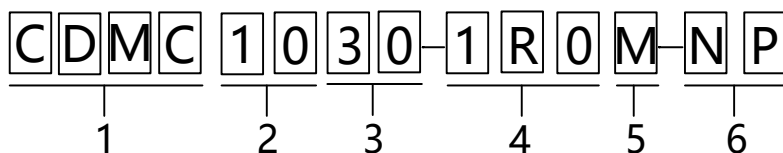
Dimensions外形尺寸(mm)



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 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:500PCS.
- 方形11.0mm(11.5mm 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)		
CDMC1030-R22	0.22	M	1.10	1.30	55.0	30.0
CDMC1030-R33	0.33	M	1.20	1.50	47.0	25.0
CDMC1030-R36	0.36	M	1.30	1.60	40.0	23.0
CDMC1030-R47	0.47	M	2.10	2.50	33.0	20.0
CDMC1030-R56	0.56	M	2.60	3.00	24.0	16.0
CDMC1030-R82	0.82	M	3.90	4.50	22.0	15.0
CDMC1030-1R0	1.0	M	4.60	6.00	20.0	15.0
CDMC1030-1R5	1.5	M	6.50	7.50	20.0	13.0
CDMC1030-2R2	2.2	M	8.00	9.00	16.0	12.0
CDMC1030-3R3	3.3	M	14.5	16.0	14.0	9.0
CDMC1030-4R7	4.7	M	20.5	22.5	13.0	7.0
CDMC1030-5R6	5.6	M	28.0	32.5	12.0	7.0
CDMC1030-6R8	6.8	M	30.2	35.0	9.5	6.5
CDMC1030-8R2	8.2	M	42.0	48.0	8.5	6.0
CDMC1030-100	10	M	50.0	55.0	8.0	5.0
CDMC1030-150	15	M	72.0	86.0	7.0	4.0
CDMC1030-220	22	M	115.0	140.0	5.5	3.0
CDMC1030-470	47	M	216.0	260.0	4.0	2.0

Inductance Range/電感範圍:0.22~47 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;

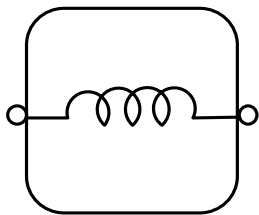
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C) .

(1) 電感測試頻率:100KHz/1.0V;

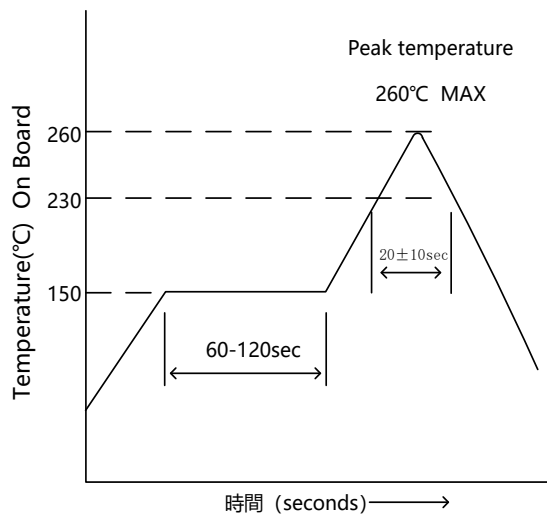
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C) .



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.

www.fonrita.com