



Fonrita
方瑞達電子

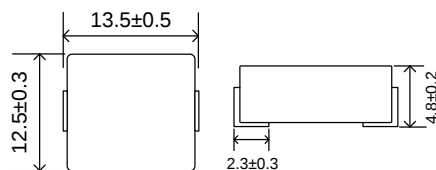
MOLDING POWER INDUCTORS

一體成型電感

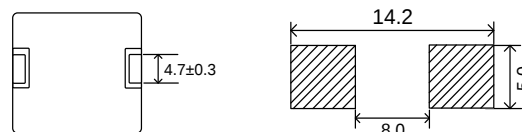
Type: CDMC1250



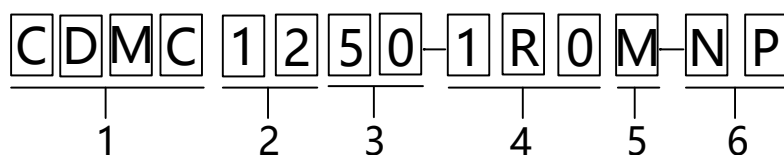
Dimensions外形尺寸(mm)



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.
- Square13.5mm type(14.0mm 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:500PCS.
- 方形13.5mm(14.0mm Max),高度5mm 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)		
CDMC1250-R20	0.20	M	0.45	0.55	110.0	52.0
CDMC1250-R22	0.22	M	0.50	0.70	110.0	52.0
CDMC1250-R33	0.33	M	0.70	0.90	80.0	42.0
CDMC1250-R36	0.36	M	0.75	0.95	75.0	42.0
CDMC1250-R47	0.47	M	0.86	1.10	65.0	38.0
CDMC1250-R56	0.56	M	1.00	1.50	55.0	36.0
CDMC1250-R68	0.68	M	1.40	1.70	54.0	34.0
CDMC1250-R82	0.82	M	1.70	2.10	52.0	31.0
CDMC1250-1R0	1.0	M	1.85	2.50	50.0	29.0
CDMC1250-1R5	1.5	M	2.80	3.30	48.0	27.0
CDMC1250-1R8	1.8	M	4.00	4.90	40.0	21.0
CDMC1250-2R2	2.2	M	4.20	5.50	32.0	20.0
CDMC1250-3R3	3.3	M	6.80	9.20	32.0	15.0
CDMC1250-4R7	4.7	M	11.4	15.0	27.0	12.0
CDMC1250-5R6	5.6	M	12.3	16.5	22.0	11.5
CDMC1250-6R8	6.8	M	14.5	18.5	21.0	11.0
CDMC1250-8R2	8.2	M	16.8	22.5	18.0	9.50
CDMC1250-100	10	M	21.4	25.5	16.0	9.00
CDMC1250-150	15	M	32.0	38.0	13.0	8.20
CDMC1250-220	22	M	50.0	58.0	10.0	6.50
CDMC1250-330	33	M	73.0	88.0	8.00	5.00
CDMC1250-470	47	M	100.0	120.0	6.50	4.00
CDMC1250-680	68	M	135.0	162.0	5.50	3.50
CDMC1250-820	82	M	198.0	238.0	4.80	3.00

Inductance Range/電感範圍:0.20~82 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;

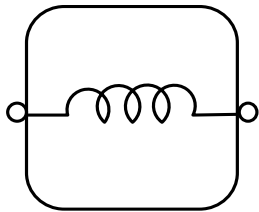
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

(1) 電感測試頻率:100KHz/1.0V;

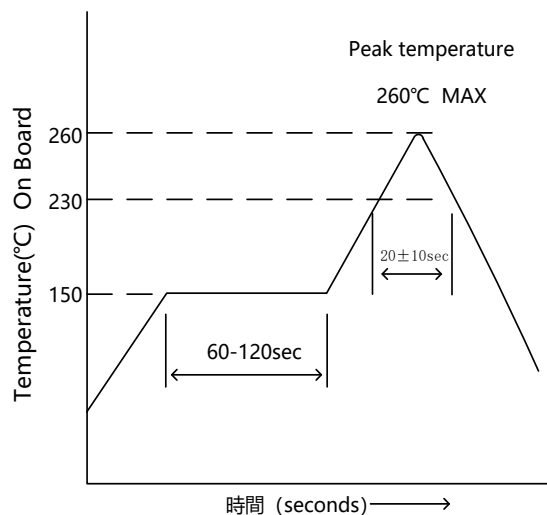
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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