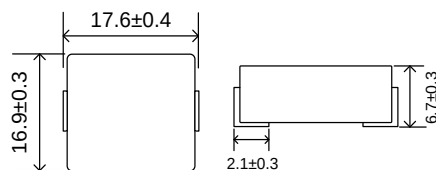




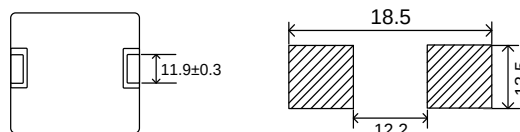
Type: CDMC1770



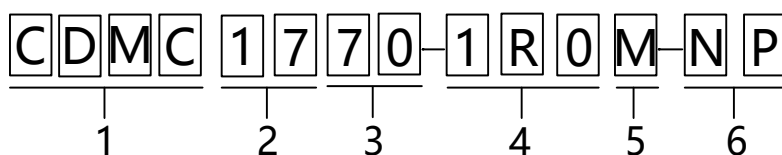
Dimensions外形尺寸(mm)



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:300PCS.
- Square 17.6mm type(18.0mm Max),Height 7.0mm 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:300PCS.
- 方形17.6mm(18.0mm Max),高度7.0mm 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)		
CDMC1770-R45	0.45	M	0.80	0.96	125.0	62.0
CDMC1770-R47	0.47	M	0.95	1.03	123.0	62.0
CDMC1770-1R0	1.0	M	1.60	2.00	70.0	52.0
CDMC1770-1R5	1.5	M	2.00	2.50	65.0	47.0
CDMC1770-2R2	2.2	M	2.40	2.70	62.0	43.5
CDMC1770-3R3	3.3	M	3.50	3.90	54.0	28.0
CDMC1770-4R7	4.7	M	4.80	5.50	50.0	25.0
CDMC1770-5R6	5.6	M	5.80	7.05	45.0	21.0
CDMC1770-6R8	6.8	M	8.40	9.20	39.0	19.0
CDMC1770-8R2	8.2	M	9.60	10.8	31.0	18.0
CDMC1770-100	10	M	11.8	13.0	29.0	16.5
CDMC1770-150	15	M	17.8	20.5	27.0	12.5
CDMC1770-220	22	M	25.1	26.5	23.0	12.0
CDMC1770-330	33	M	38.0	44.0	20.0	10.7
CDMC1770-470	47	M	48.0	55.0	16.0	8.7
CDMC1770-560	56	M	54.0	62.0	15.0	7.8
CDMC1770-680	68	M	68.0	80.0	13.0	7.0
CDMC1770-820	82	M	87.0	100.0	12.0	5.7
CDMC1770-101	100	M	102.0	118.0	12.0	5.3

Inductance Range/電感範圍:0.45~100 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;

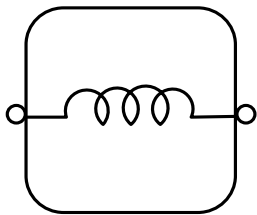
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C) .

(1) 電感測試頻率:100KHz/1.0V;

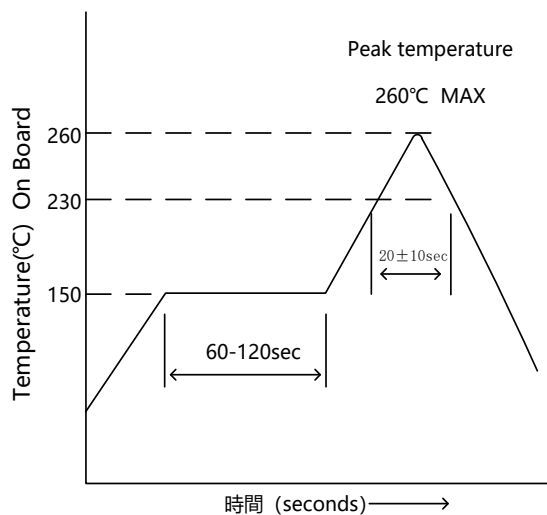
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C) .



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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