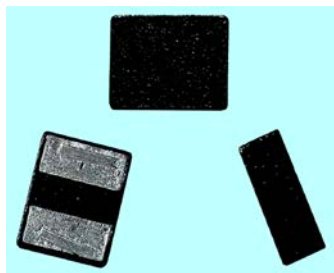
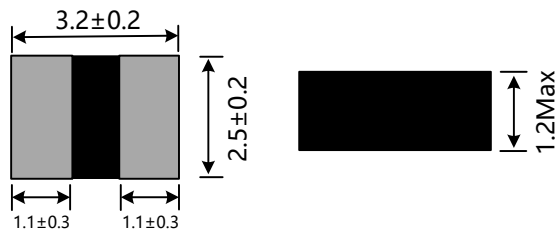




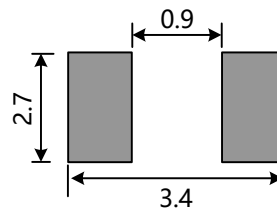
Type: HDMT322512



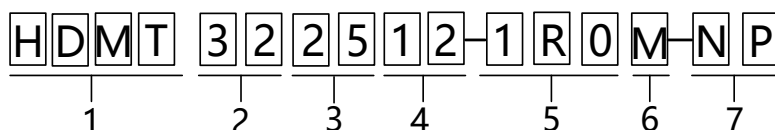
Dimensions外形尺寸(mm)



Recommended Land Pattern (mm)



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型 : HDMT (shield/屏蔽)
2. Body length/產品長度 : mm
3. Body wide/產品寬度 : mm
4. Body height/產品高度 : mm
5. Inductance/感量 : μH
6. Tolerance/公差 : M $\pm 20\%$, N $\pm 30\%$
7. RoHs Compliant(SGS Certified)

本產品滿足環境保護要求(有害物質限用)



FEATURES:

- Quantity/reel:3000PCS.
- Square 3.2mm type(3.4mm Max),Height 1.2mm Max.
- Extremely low DCR and ultra low AC losses for high switching frequencies(up to 5MHz).
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference(EMI).
- No thermal aging issues.
- Widely use in DC-DC converter/Notebook/5G modiles etc.

特長:

- 數量/卷:3000PCS.
- 方形3.2mm(3.4mm Max),高度1.2mm Max.
- 在高開關頻率(高達5MHz)下具有極低DCR和交流損耗.
- 閉合磁路設計減少漏磁和電磁干擾(EMI).
- 無熱老化問題.
- 廣泛應用於升降壓轉換器/筆記本電腦/5G模塊等.

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(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
			Typ(m Ω)	Max(m Ω)		
HDMT322512-R10	0.10	M	5.2	7.0	16.5	11.0
HDMT322512-R22	0.22	M	6.6	11.0	11.0	8.7
HDMT322512-R24	0.24	M	7.0	12.0	10.5	8.5
HDMT322512-R33	0.33	M	9.0	14.0	9.5	8.1
HDMT322512-R47	0.47	M	14.0	19.0	8.2	7.2
HDMT322512-R68	0.68	M	18.0	23.0	7.7	6.8
HDMT322512-1R0	1.0	M	26.0	30.0	5.8	4.8
HDMT322512-1R5	1.5	M	37.0	44.0	4.7	4.3
HDMT322512-2R2	2.2	M	58.0	70.0	4.2	3.0
HDMT322512-3R3	3.3	M	75.0	95.0	3.2	2.5
HDMT322512-4R7	4.7	M	115.0	135.0	2.6	2.0
HDMT322512-6R8	6.8	M	177.0	210.0	2.4	1.9
HDMT322512-100	10	M	210.0	230.0	1.9	1.8

Inductance Range/電感範圍:0.1~10 μH

Operating Temperature/工作溫度:-55°C ~ +125°C

Storage Temperature/儲存溫度:-40°C ~ +125°C

(1) Test frequency :1MHz/1.0V;

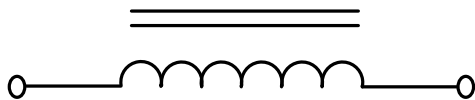
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

(1) 電感測試頻率:1MHz/1.0V;

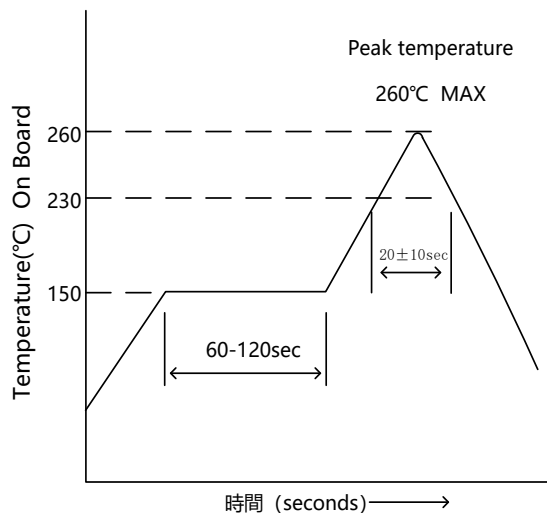
(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).



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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