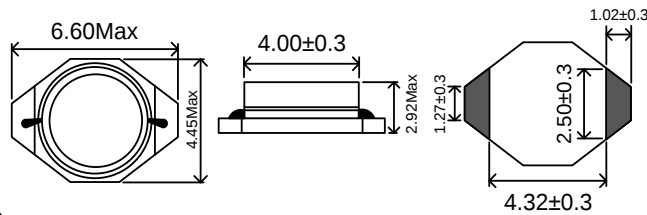




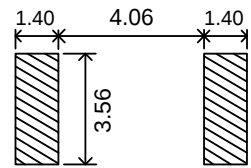
Type: FDS0603



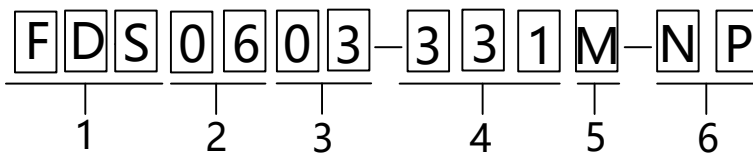
Dimensions外形尺寸(mm)



Recommended Land Pattern(mm)



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型 : FDS (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 : $M \pm 20\%$
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:2000PCS.
- Rotundity 6.60mm Max,Height 2.92mm Max.
- Magnetically shielded construction.
- Compact and thin.
- Widely use in Notebook, Cellular Phone, DC/DC converter, PDA,Backlight applications etc.

特長:

- 數量/卷:2000PCS.
- 圓形6.60mmMax,高度2.92mm Max.
- 閉磁路構造設計.
- 輕便薄小.
- 廣泛應用於筆記本電腦, 手機, 直流轉換器, PDA, 背光燈產品等.

ELECTRICAL CHARACTERISTICS/電氣特性

Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	DC Resistance 直流電阻Max(Ω)	Rated Current 額定電流Max(A)
FDS0603-1R0	1.0	M	0.040	1.80
FDS0603-1R5	1.5	M	0.045	1.70
FDS0603-2R2	2.2	M	0.050	1.20
FDS0603-3R3	3.3	M	0.055	0.90
FDS0603-4R7	4.7	M	0.060	0.70
FDS0603-6R8	6.8	M	0.070	0.60
FDS0603-100	10	M	0.075	0.45
FDS0603-150	15	M	0.090	0.40
FDS0603-220	22	M	0.120	0.38
FDS0603-270	27	M	0.170	0.30
FDS0603-330	33	M	0.190	0.20
FDS0603-470	47	M	0.230	0.18
FDS0603-680	68	M	0.350	0.16
FDS0603-101	100	M	0.430	0.15
FDS0603-151	150	M	0.590	0.13
FDS0603-221	220	M	1.200	0.10
FDS0603-331	330	M	1.400	0.09
FDS0603-391	390	M	2.000	0.09
FDS0603-471	470	M	2.500	0.08
FDS0603-681	680	M	3.100	0.07
FDS0603-102	1000	M	3.600	0.06

Inductance Range/電感範圍:1.0~1000 μH

Operating Temperature/工作溫度:−40℃ ~ +125℃

Storage Temperature/儲存溫度:−40℃ ~ +125℃

(1) Test frequency :100KHz/0.1V;

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

(1) 電感測試頻率:100KHz/0.1V;

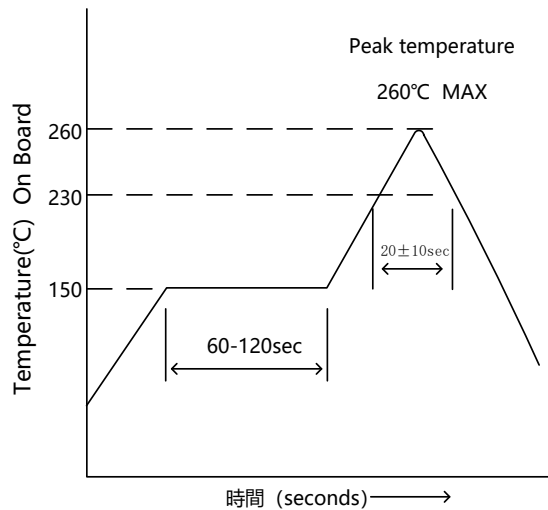
(2) 最大容許電流定義:電感下降30%或溫度上升40℃時,取其小值作為最大容許電流(周圍環境溫度25℃).



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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