

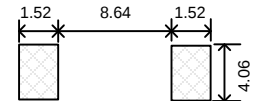
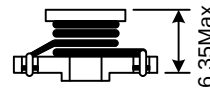
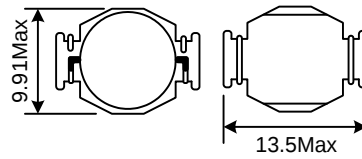


Type: FDO1305HC

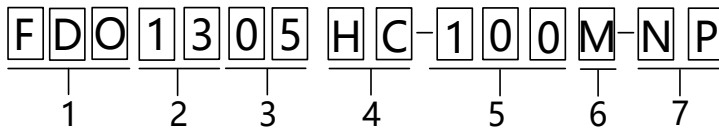


Dimensions外形尺寸(mm)

Recommended Land Pattern(mm)



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型: FDO-HC (Unshielded/無屏蔽)
2. Body length/產品長度: mm
3. Body height/產品高度: mm
4. Type/類別
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:700PCS.
- Rotundity13.5mm Max,Height 6.35mm Max.
- Carrier tape is used for SMT.
- Self-leaded construction.
- Widely use in DC-DC converter/Notebook/power supply applications etc.

特長:

- 數量/卷:700PCS.
- 圓形13.5mm Max,高度6.35mm Max.
- 使用載帶包裝運用於SMT.
- 直接線端之構造.
- 廣泛應用於升降壓轉換器/筆記本電腦/電源供應器等.

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)
FDO1305HC-R33	0.33	N	0.002	16.00
FDO1305HC-R68	0.68	N	0.005	12.00
FDO1305HC-1R0	1.0	N	0.006	10.00
FDO1305HC-1R5	1.5	M	0.008	9.00
FDO1305HC-2R2	2.2	M	0.011	7.40
FDO1305HC-2R7	2.7	M	0.012	6.60
FDO1305HC-3R3	3.3	M	0.014	5.90
FDO1305HC-4R7	4.7	M	0.018	4.80
FDO1305HC-6R8	6.8	M	0.023	4.50
FDO1305HC-100	10	M	0.030	4.30
FDO1305HC-150	15	M	0.045	3.60
FDO1305HC-220	22	M	0.065	2.90
FDO1305HC-330	33	M	0.099	2.40
FDO1305HC-470	47	M	0.147	1.90
FDO1305HC-680	68	M	0.190	1.70
FDO1305HC-101	100	M	0.278	1.40
FDO1305HC-151	150	M	0.425	1.10
FDO1305HC-221	220	M	0.636	0.93
FDO1305HC-331	330	M	0.978	0.76

Inductance Range/電感範圍:0.33~330 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/0.1V:

(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 10%, or temperature to rise by 40°C, whichever is smaller (At ambient reference temperature:25°C).

(1) 電感測試頻率:100KHz/0.1V;

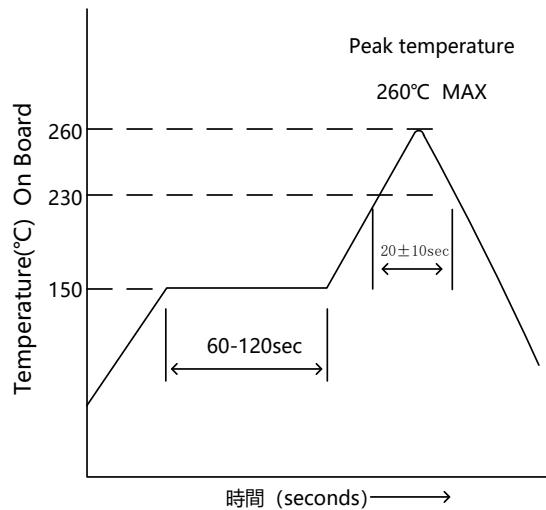
(2) 最大容許電流定義:電感下降10%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C)。



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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