

SINLOON®

閉磁式功率電感
Inductance Range: 10 μ H ~ 1000 μ H

TYPE: 5022DC Series
SMT Shielded Power Inductors

SMT Shielded Power Inductors
5022DC Inductance Range 10 μ H ~ 1000 μ H

□ Feature

- ◆ Magnetically shielded construction (閉磁路構造設計)
- ◆ Compact and thin (輕便薄小)
- ◆ Large Current and Low DCR (大電流及低直流阻抗)

□ Applications

- ◆ Notebook, DC/DC converter, VGA card, Video recorders.
(筆記型電腦、直流轉換器、電腦顯示卡、錄影機)

□ Figure



□ Ordering

Product Identification of Part Number

Type: Ex. 5022DC-100M

* See Product Part of Number

Tolerance: K \pm 10%; L \pm 15%; M \pm 20%; N \pm 30%

Packing: 250pcs/ Φ 330mm

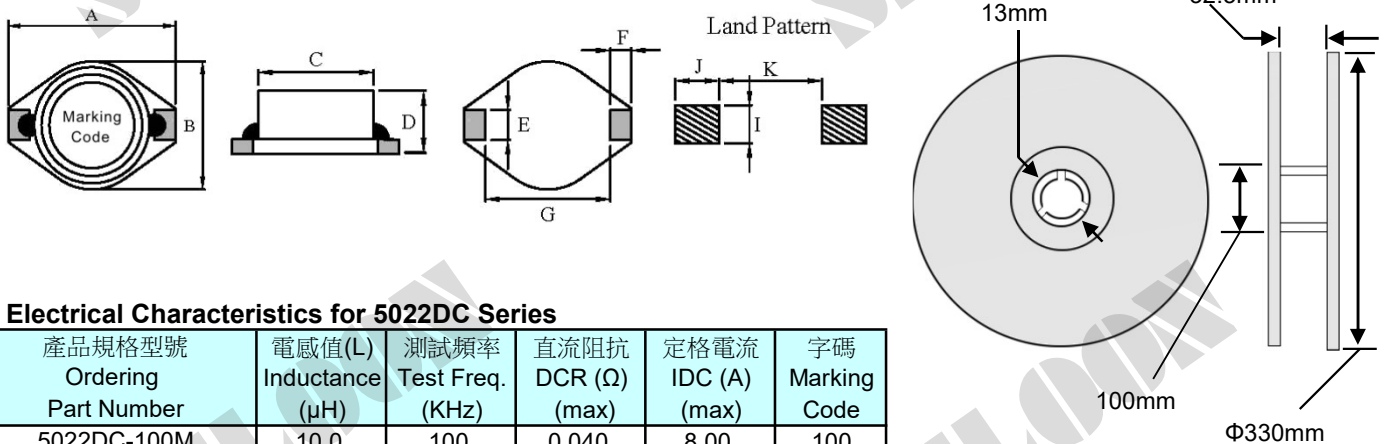
□ Configurations & Dimension

Unit:mm

TYPE	A (max)	B (max)	C (max)	D (max)	E	F	G	I	J	K
5022DC	18.54	15.2	12.7	7.62	2.54 \pm 0.3	2.54 \pm 0.3	12.7 \pm 0.3	2.79	3.3	12.45

※Design as Customers Requested Specifications (可依特殊需求設計生產)

□ Reel Type Dimension



□ Electrical Characteristics for 5022DC Series

產品規格型號 Ordering Part Number	電感值(L) Inductance (μ H)	測試頻率 Test Freq. (KHz)	直流阻抗 DCR (Ω) (max)	定格電流 IDC (A) (max)	字碼 Marking Code
5022DC-100M	10.0	100	0.040	8.00	100
5022DC-150M	15.0	100	0.048	7.00	150
5022DC-220M	22.0	100	0.059	6.00	220
5022DC-330M	33.0	100	0.075	5.00	330
5022DC-470M	47.0	100	0.097	4.00	470
5022DC-680M	68.0	100	0.138	3.00	680
5022DC-101M	100.0	100	0.207	2.40	101
5022DC-151M	150.0	100	0.293	2.10	151
5022DC-221M	220.0	100	0.470	1.90	221
5022DC-331M	330.0	100	0.780	1.10	331
5022DC-471M	470.0	100	1.080	1.10	471
5022DC-681M	680.0	100	1.400	0.96	681
5022DC-102M	1000.0	100	2.010	0.80	102

※ Test Frequency: 100KHz / 0.1V

※ Operating Temperature: -40 $^{\circ}$ C ~ +85 $^{\circ}$ C

※ Inductance drop : 10% typ at IDC.

※美隆公司產品規格及其特性參數的改變或更新恕不另行通知。

※Mayloon characteristic parameters of electronic product specification changes or updates without notice to improve。