

SINLOON®

閉磁式功率電感

Inductance Range: 2.2μH ~ 100μH

Type:

CRB6045 Series

SMT Shielded Power Inductors

SMT Shielded Power Inductors

Part No. Inductance Range:
CRB6045 2.2μH ~ 100μH

□ **Feature**

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

□ **Applications**

- ◆ DC-DC converter of portable equipment. (攜帶機器之直流轉換器)
- ◆ Camcorder, LCD television set, Digital camera, P.D.A., Notebook. (攝影機、液晶電視、數位相機、P.D.A.、筆記型電腦)
- ◆ Large Current and Low DCR (大電流低值阻抗)

□ **Figure**



□ **Ordering**

Product Identification of Part Number
Type: Ex. CRB6045-2R2N
* See Product Part of Number
Tolerance:
K ±10%; L ±15%; M ±20%; N ±30%

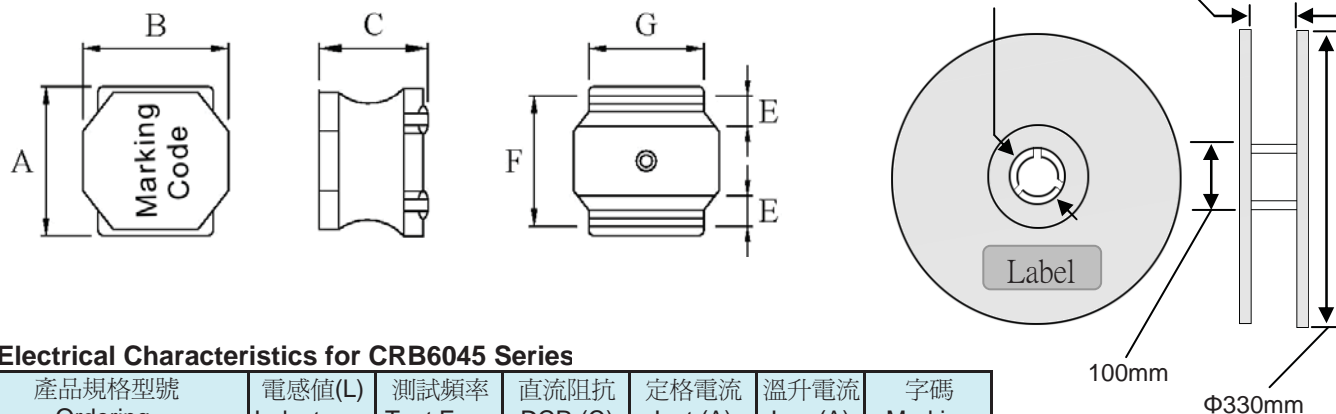
□ **Configurations & Dimension**

TYPE	A (max)	B (max)	C (max)	E	F	G	W	Reel Tape	Packing Quantity
CRB6045	6.0±0.2	6.0±0.2	4.5	1.35±0.3	4.5±0.5	5.0±0.5	16.5	Φ330	1000pcs

Unit:mm

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

□ **Reel Type Dimension**



□ **Electrical Characteristics for CRB6045 Series**

產品規格型號 Ordering Part Number	電感值(L) Inductance (μH)	測試頻率 Test Freq. (KHz)	直流阻抗 DCR (Ω) (±30%)	定格電流 Isat (A) (max)	溫升電流 Irms(A) (max)	字碼 Marking Code
CRB6045-2R2N	2.2	100	21.0	6.00	3.50	2R2
CRB6045-4R7N	4.7	100	31.0	4.00	3.00	4R7
CRB6045-6R8N	6.8	100	40.0	3.80	2.80	6R8
CRB6045-100M	10	100	47.0	3.00	2.50	100
CRB6045-150M	15	100	77.0	2.30	1.90	150
CRB6045-220M	22	100	115.0	1.90	1.50	220
CRB6045-330M	33	100	145.0	1.50	1.40	330
CRB6045-470M	47	100	220.0	1.30	1.10	470
CRB6045-680M	68	100	330.0	1.00	0.90	680
CRB6045-101M	100	100	500.0	0.80	0.70	101

※Test Frequency: 100KHz / 1V

※ Operating Temperature: -40°C ~ +85°C

※ Inductance drop : 30% typ at Isat

※ ΔT : 40°C rise at Irms

※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

