

SINLOON®

閉磁式功率電感

Inductance Range: 1.0μH ~ 100μH

TYPE:

D62LCBN ~ D62CBN Series

SMT Shielded Power Inductors

Type Inductance Range

D62LCBN 1.0μH ~ 47μH

D62CBN 1.0μH ~ 100μH

Features (特長)

- ◆ Magnetically shielded construction (閉磁路構造設計)
- ◆ Compact and thin (輕便薄小)
- ◆ Large Current and L

Applications (用途)

- ◆ Ideal for a variety of DC/DC converter inductor applications (各種直流轉換器適用)
- ◆ Scanner (掃描器)

Figure



Ordering

Product Identification of Part Number

Type: Ex. D62LCBN-1R0N

See Product Part of Number

Tolerance:

K ±10%; L ±15%; M ±20%; N ±30%

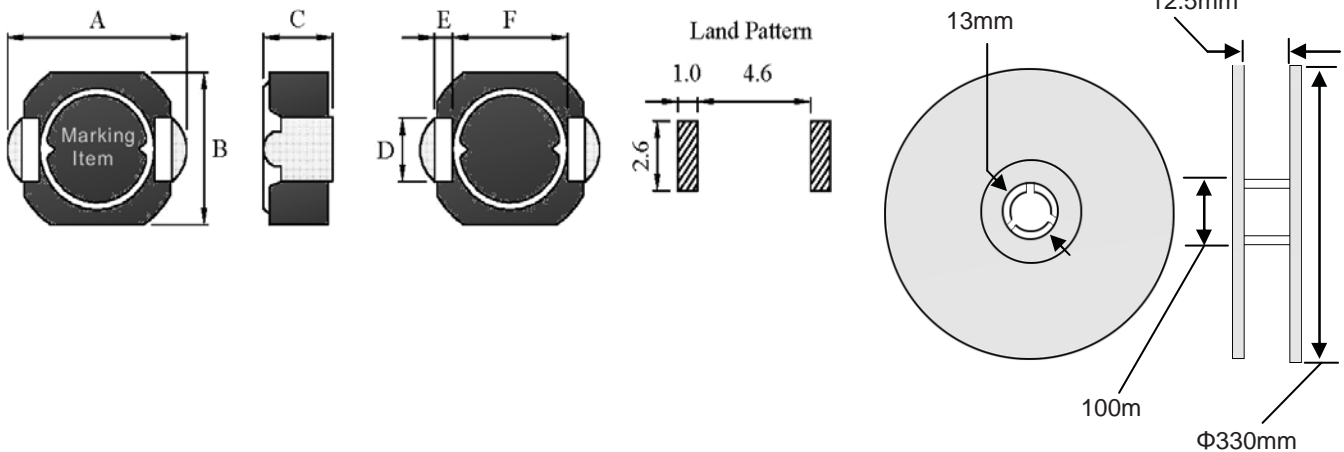
Configurations & Dimension

Unit:mm

TYPE	A (max)	B (max)	C (max)	D	E	F	G	H	I	Packing
										Φ330mm
D62LCBN	6.9	6.2	2.0	2.0±0.2	0.6±0.1	4.6±0.2	2.6	1.0	4.6	2000pcs
D62CBN	6.9	6.2	2.5	2.0±0.2	0.6±0.1	4.6±0.2	2.6	1.0	4.6	2000pcs

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

Reel Type Dimension



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※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



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□ Electrical Characteristics for D62LCBN Series D62LCBN Inductance Range 1.0μH ~ 47μH

產品規格型號 Ordering Part Number	電感值(L) Inductance (μH)	測試頻率 Test Frequency (KHz)	直流阻抗 DCR (Ω) (max)	定格電流 IDC (A) (max)	字碼 Marking Code
D62LCBN-1R0N	1.0	100	0.0220	3.500	1R0
D62LCBN-1R5N	1.5	100	0.0300	2.940	1R5
D62LCBN-2R0N	2.0	100	0.0400	2.470	2R0
D62LCBN-3R3N	3.3	100	0.0550	1.990	3R3
D62LCBN-4R7N	4.7	100	0.0700	1.590	4R7
D62LCBN-6R2N	6.2	100	0.1100	1.490	6R2
D62LCBN-8R2N	8.2	100	0.1400	1.250	8R2
D62LCBN-100M	10.0	100	0.1600	1.220	100
D62LCBN-120M	12.0	100	0.2000	0.990	120
D62LCBN-150M	15.0	100	0.2300	0.940	150
D62LCBN-180M	18.0	100	0.2600	0.830	180
D62LCBN-220M	22.0	100	0.3100	0.800	220
D62LCBN-270M	27.0	100	0.3900	0.650	270
D62LCBN-330M	33.0	100	0.5100	0.630	330
D62LCBN-390M	39.0	100	0.5700	0.550	390
D62LCBN-470M	47.0	100	0.7300	0.500	470

※ Test Frequency : 1KHz / 0.1V

※ Operating Temp. : -40°C ~ +85°C

※ Inductance Drop = 35% Typ. At IDC

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

□ Electrical Characteristics for D62CBN Series D62CBN Inductance Range 1.0μH ~ 100μH

產品規格型號 Ordering Part Number	電感值(L) Inductance (μH)	測試頻率 Test Frequency (KHz)	直流阻抗 DCR (Ω) (max)	定格電流 IDC (A) (max)	字碼 Marking Code
D62CBN-1R0N	1.0	100	0.0180	3.480	1R0
D62CBN-1R5N	1.5	100	0.0240	2.830	1R5
D62CBN-2R0N	2.0	100	0.0320	2.440	2R0
D62CBN-3R3N	3.3	100	0.0450	1.890	3R3
D62CBN-4R3N	4.3	100	0.0550	1.650	4R7
D62CBN-6R2N	6.2	100	0.0650	1.370	6R2
D62CBN-100M	10.0	100	0.0950	1.070	100
D62CBN-120M	120.0	100	0.1200	0.970	120
D62CBN-150M	150.0	100	0.1500	0.870	150
D62CBN-180M	180.0	100	0.1800	0.790	180
D62CBN-220M	22.0	100	0.2100	0.710	220
D62CBN-270M	27.0	100	0.2400	0.640	270
D62CBN-330M	33.0	100	0.2800	0.580	330
D62CBN-390M	39.0	100	0.3300	0.530	390
D62CBN-470M	47.0	100	0.3900	0.480	470
D62CBN-560M	56.0	100	0.4500	0.440	560
D62CBN-680M	68.0	100	0.5600	0.400	680
D62CBN-820m	82.0	100	0.6200	0.360	820
D62CBN-101M	100.0	100	0.8000	0.330	101

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