

**SINLOON®**

閉磁式功率電感  
Inductance Range: 1.0μH ~ 150μH

TYPE: D63LCBN ~ D63CBN Series  
SMT Shielded Power Inductors

Type	Inductance Range
D63LCBN	1.0μH ~ 150μH
D63CBN	2.0μH ~ 150μH

□ Figure



□ Features (特長)

- ◆ 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 (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)

□ Ordering

Product Identification of Part Number  
Type: Ex. D63LCBN-1R0N  
See Product Part of Number  
Tolerance:  
K ±10%; L ±15%; M ±20%; N ±30%

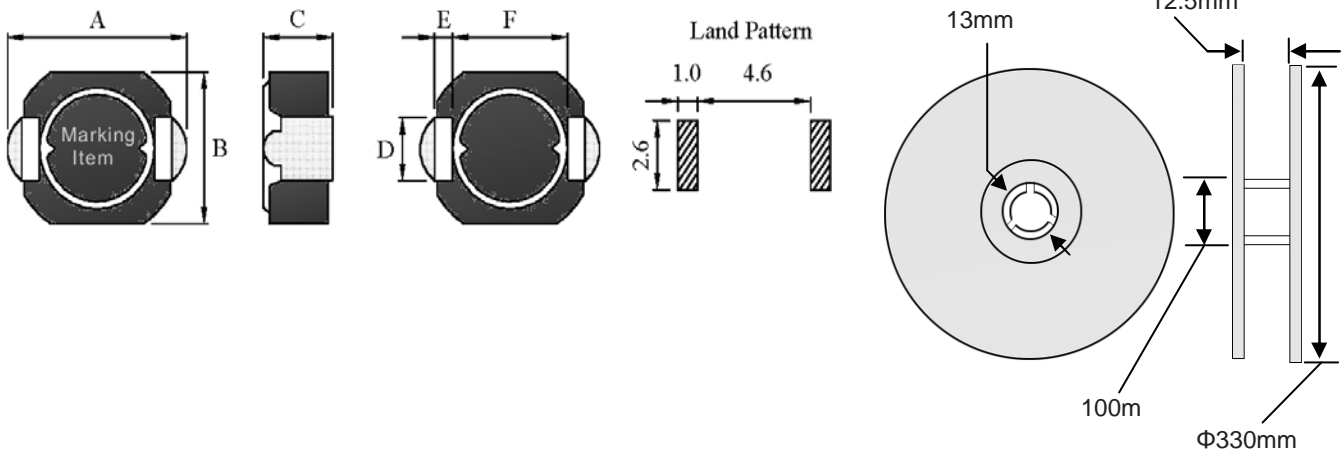
□ Configurations & Dimension

Unit:mm

TYPE	A (max)	B (max)	C (max)	D	E	F	G	H	I	Packing
										Φ330mm
D63LCBN	6.9	6.2	3.0	2.0±0.2	0.6±0.1	4.6±0.2	2.6	1.0	4.6	2000pcs
D63CBN	6.9	6.2	3.5	2.0±0.2	0.6±0.1	4.6±0.2	2.6	1.0	4.6	1000pcs

※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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閉磁式功率電感

TYPE:

D63LCBN ~ D63CBN Series

Inductance Range: 1.0μH ~ 100μH

SMT Shielded Power Inductors

□ **Electrical Characteristics for D63LCBN Series** D63LCBN Inductance Range 1.0μH ~ 150μH

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
D63LCBN-1R0N	1.00	100	0.0170	3.590	1R0
D63LCBN-1R5N	1.50	100	0.0210	2.930	1R5
D63LCBN-2R2N	2.20	100	0.0240	2.420	2R2
D63LCBN-3R6N	3.60	100	0.0330	1.890	3R6
D63LCBN-4R7N	4.70	100	0.0420	1.660	4R7
D63LCBN-6R2N	6.20	100	0.0500	1.450	6R7
D63LCBN-100M	10.00	100	0.0650	1.140	100
D63LCBN-120M	12.00	100	0.0720	1.040	120
D63LCBN-150M	15.00	100	0.0960	0.930	150
D63LCBN-180M	18.00	100	0.1030	0.850	180
D63LCBN-220M	22.0	100	0.1320	0.770	220
D63LCBN-270M	27.0	100	0.1600	0.700	270
D63LCBN-330M	33.0	100	0.1800	0.630	330
D63LCBN-390M	39.0	100	0.2000	0.580	390
D63LCBN-470M	47.0	100	0.2500	0.530	470
D63LCBN-560M	56.0	100	0.3000	0.480	560
D63LCBN-680M	68.0	100	0.3600	0.440	680
D63LCBN-820M	82.0	100	0.4500	0.400	820
D63LCBN-101M	100.0	100	0.5600	0.360	101
D63LCBN-151M	150.0	100	0.7500	0.310	151

※ 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 D63CBN Series** D63CBN Inductance Range 2.0μH ~ 150μH

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
D63CBN-2R0N	2.00	100	0.0200	3.000	2R0
D63CBN-2R7N	2.70	100	0.0250	2.690	2R7
D63CBN-3R3N	3.30	100	0.0300	2.570	3R3
D63CBN-4R7N	4.70	100	0.0350	2.080	4R7
D63CBN-6R2N	6.20	100	0.0400	1.840	6R2
D63CBN-8R2N	8.20	100	0.0550	1.540	8R2
D63CBN-100M	10.00	100	0.0650	1.490	100
D63CBN-120M	12.00	100	0.0720	1.280	120
D63CBN-150M	15.00	100	0.0780	1.100	150
D63CBN-180M	18.00	100	0.0980	1.050	180
D63CBN-220M	22.0	100	0.1150	0.970	220
D63CBN-270M	27.0	100	0.1500	0.820	270
D63CBN-330M	33.0	100	0.1750	0.760	330
D63CBN-390M	39.0	100	0.2000	0.700	390
D63CBN-470M	47.0	100	0.2400	0.680	470
D63CBN-560M	56.0	100	0.3000	0.600	560
D63CBN-680M	68.0	100	0.3300	0.560	680
D63CBN-820M	82.0	100	0.4200	0.470	820
D63CBN-101M	100.0	100	0.4700	0.450	101
D63CBN-151M	150.0	100	0.6500	0.370	151

※ 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)

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