

**SINLOON®**

閉磁式功率電感  
Inductance Range: 2.9µH ~ 1000µH

TYPE: D62 ~ D63 Series  
SMT Shielded Power Inductors

Type	Inductance Range
D62LCBN	1.0µH ~ 47µH
D62CBN	1.0µH ~ 100µH
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)

- ◆ VTR, OA equipment, LCD television set,
- ◆ Notebook, portable communication equipments, DC/DC converters, etc. (錄放影機、OA 儀器、液晶電視、筆記型電腦、小型通信機器、直流轉換器等)

□ Ordering

Product Identification of Part Number

Type: Ex. RH62BS\*-2R9N

See Product Part of Number

Tolerance:

K ±10%; L ±15%; M ±20%; N ±30%

\*: S = Terminal Tin

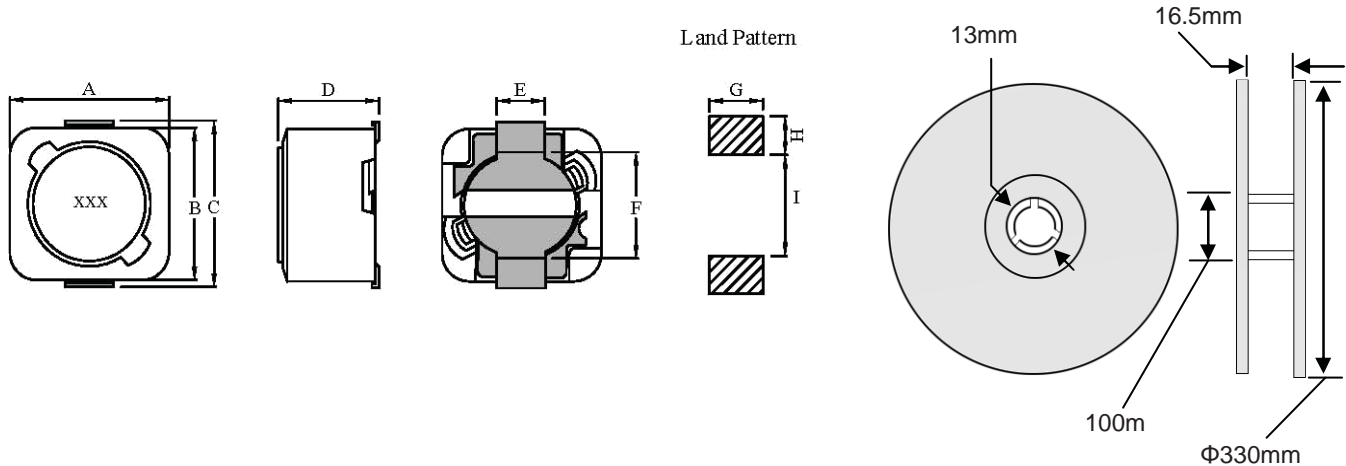
□ Configurations & Dimension

Unit:mm

TYPE	A	B	C	D (max)	E	F	G	H	I	Packing
										Φ330mm
RH62BS	6.2±0.3	5.9±0.3	6.6±0.3	3.0	1.5±0.2	4.6	1.9	1.4	4.6	1500pcs
RH64BS	6.2±0.3	5.9±0.3	6.6±0.3	5.0	1.5±0.2	4.6	1.9	1.4	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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※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

Inductance Range: 2.9μH ~ 330μH

Type: RH62BS Series

SMT Shielded Power Inductors

□ **Electrical Characteristics for RH62BS Series** RH62BS Inductance Range 2.9μH ~ 330μH

產品規格型號 Ordering Part Number	電感值(L) Inductance (μH)	測試頻率 Test Frequency (Hz)	直流阻抗 DCR (Ω) (max)	定格電流 IDC (A) (max)	字碼 Marking Code
RH62BS-2R9N	2.90	7.96M	0.0680	1.940	2R9
RH62BS-3R3N	3.30	7.96M	0.0750	1.800	3R3
RH62BS-4R0N	4.00	7.96M	0.0800	1.630	4R0
RH62BS-4R7N	4.70	7.96M	0.0900	1.550	4R7
RH62BS-5R5N	5.50	7.96M	0.0960	1.400	5R5
RH62BS-100M	10.00	1K	0.1500	1.100	100
RH62BS-120M	12.00	1K	0.2000	1.000	120
RH62BS-150M	15.00	1K	0.2300	0.900	150
RH62BS-180M	18.00	1K	0.2700	0.800	180
RH62BS-220M	22.00	1K	0.3400	0.740	220
RH62BS-270M	27.0	1K	0.3800	0.660	270
RH62BS-330M	33.0	1K	0.4500	0.590	330
RH62BS-390M	39.0	1K	0.4900	0.540	390
RH62BS-470M	47.0	1K	0.6900	0.500	470
RH62BS-560M	56.0	1K	0.7800	0.460	560
RH62BS-680M	68.0	1K	1.0700	0.420	680
RH62BS-820M	82.0	1K	1.2100	0.380	820
RH62BS-101M	100.0	1K	1.3900	0.340	101
RH62BS-121M	120.0	1K	1.9000	0.310	121
RH62BS-151M	150.0	1K	2.1800	0.280	151
RH62BS-181M	180.0	1K	2.7700	0.260	181
RH62BS-221M	220.0	1K	3.1200	0.230	221
RH62BS-271M	270	1K	4.3800	0.220	271
RH62BS-331M	330	1K	4.9400	0.190	331

※ 2R9~5R5 Test Frequency: 7.96MHz; 100~331 Test Frequency : 1KHz / 0.25V

※ 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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□ Electrical Characteristics for RH64BS Series RH64BS Inductance 2.9μH ~ 1000μH

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
RH64BS-2R9N	2.90	1	0.047	1.80	2R9
RH64BS-3R3N	3.30	1	0.050	1.75	3R3
RH64BS-4R0N	4.00	1	0.060	1.65	4R0
RH64BS-4R7N	4.70	1	0.065	1.55	4R7
RH64BS-5R5N	5.50	1	0.070	1.45	5R5
RH64BS-100M	10.00	1	0.120	1.35	100
RH64BS-120M	12.00	1	0.130	1.22	120
RH64BS-150M	15.00	1	0.180	1.11	150
RH64BS-180M	18.00	1	0.240	1.02	180
RH64BS-220M	22.0	1	0.270	0.91	220
RH64BS-270M	27.0	1	0.300	0.82	270
RH64BS-330M	33.0	1	0.330	0.74	330
RH64BS-390M	39.0	1	0.370	0.69	390
RH64BS-470M	47.0	1	0.520	0.62	470
RH64BS-560M	56.0	1	0.560	0.58	560
RH64BS-680M	68.0	1	0.630	0.51	680
RH64BS-820M	82.0	1	0.710	0.46	820
RH64BS-101M	100.0	1	1.030	0.42	101
RH64BS-121M	120.0	1	1.150	0.38	121
RH64BS-151M	150.0	1	1.680	0.35	151
RH64BS-181M	180.0	1	1.870	0.32	181
RH64BS-221M	220.0	1	2.080	0.29	221
RH64BS-271M	270.0	1	2.370	0.26	271
RH64BS-331M	330.0	1	2.670	0.23	331
RH64BS-391M	390.0	1	2.940	0.22	391
RH64BS-471M	470.0	1	3.930	0.20	471
RH64BS-561M	560.0	1	5.430	0.18	561
RH64BS-681M	680.0	1	7.320	0.17	681
RH64BS-821M	820.0	1	8.240	0.15	821
RH64BS-102M	1000.0	1	9.260	0.14	102

※ Test Frequency: 100KHz / 0.25V

※ Operating Temp. : -40°C ~ +85°C

※ Inductance Drop = 25% Typ. At IDC

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