

SINLOON®

閉磁式功率電感
Inductance Range: 1.0μH ~ 1000μH

TYPE: D73C/D75C Series
SMT Shielded Power Inductors

SMT Shielded Power Inductors

D73C Inductance Range 1.0μH ~ 1000μH
D75C Inductance Range 1.0μH ~ 1000μH

□ Figure



□ Feature

- ◆ Magnetically shielded construction (閉磁路構造設計)
- ◆ Compact and thin (輕便薄小)
- ◆ For large current (適合大電流)

□ 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)

□ Ordering

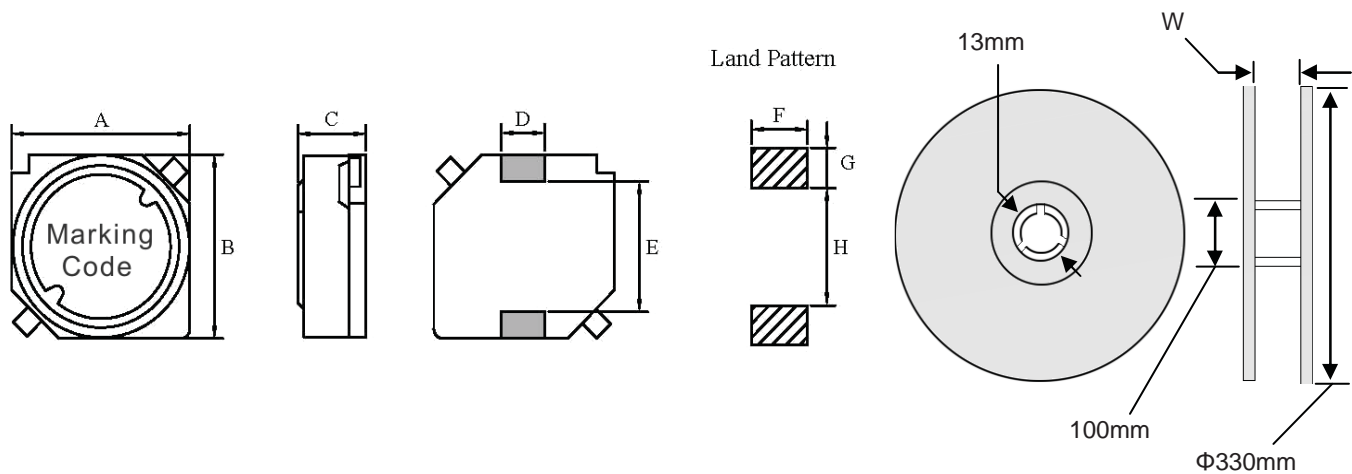
Product Identification of Part Number
Type: Ex. RH73C-100M
* See Product Part of Number
Tolerance: K ±10%; L ±15%; M ±20%; N ±30%

□ Configurations & Dimension

TYPE	A (max)	B (max)	C (max)	D	E (max)	F	G	H	W	Unit:mm
										Reel Tape Φ330mm
D73C	7.4	7.4	3.5	2.0±0.2	5.4	3	2	4.4	16.5	1000pcs
D75C	7.4	7.4	5.1	2.7±0.2	5.4	3	2	4.4	16.5	1000pcs

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

□ Reel Type Dimension



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□ Electrical Characteristics for D75C 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) (max)	定格電流 IDC (A) (max)	字碼 Marking Code
D75C-1R0M	1.0	1	0.023	2.88	1R0
D75C-1R2M	1.2	1	0.025	2.85	1R2
D75C-1R5M	1.5	1	0.027	2.61	1R5
D75C-2R2M	2.2	1	0.030	2.46	2R2
D75C-3R3M	3.3	1	0.035	2.28	3R3
D75C-4R7M	4.7	1	0.041	2.08	4R7
D75C-5R6M	5.6	1	0.044	2.00	5R6
D75C-6R8M	6.8	1	0.047	1.94	6R8
D75C-8R2M	8.2	1	0.048	1.80	8R2
D75C-100M	10.0	1	0.050	1.68	100
D75C-120M	12	1	0.070	1.54	120
D75C-150M	15	1	0.080	1.39	150
D75C-180M	18	1	0.090	1.26	180
D75C-220M	22	1	0.110	1.13	220
D75C-270M	27	1	0.150	1.02	270
D75C-330M	33	1	0.170	0.84	330
D75C-390M	39	1	0.018	0.80	390
D75C-470M	47	1	0.200	0.76	470
D75C-560M	56	1	0.280	0.64	560
D75C-680M	68	1	0.320	0.60	680
D75C-820M	82	1	0.350	0.57	820
D75C-101M	100	1	0.400	0.50	101
D75C-121M	120	1	0.440	0.47	121
D75C-151M	150	1	0.730	0.40	151
D75C-181M	180	1	0.780	0.39	181
D75C-221M	220	1	0.940	0.33	221
D75C-271M	270	1	1.250	0.31	271
D75C-331M	330	1	1.400	0.27	331
D75C-391M	390	1	1.520	0.27	391
D75C-471M	470	1	1.700	0.25	471
D75C-561M	560	1	2.390	0.22	561
D75C-681M	680	1	2.500	0.20	681
D75C-821M	820	1	3.000	0.18	821
D75C-102M	1000	1	4.100	0.17	102



- ※ Test Frequency: 1KHz / 0.25V
- ※ Operating Temperature: -40°C ~ +85°C
- ※ Inductance drop : 10% typ at IDC.

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D73C-1R0M	1.0	1	0.019	3.12	1R0
D73C-1R5M	1.5	1	0.023	2.85	1R5
D73C-1R8M	1.8	1	0.028	2.66	1R8
D73C-2R2M	2.2	1	0.028	2.66	2R2
D73C-2R7M	2.7	1	0.030	2.40	2R7
D73C-3R3M	3.3	1	0.035	2.26	3R3
D73C-4R7M	4.7	1	0.043	1.96	4R7
D73C-5R6M	5.6	1	0.050	1.80	5R7
D73C-6R8M	6.8	1	0.055	1.76	6R8
D73C-8R2M	8.2	1	0.065	1.50	8R2
D73C-100M	10	1	0.080	1.34	100
D73C-120M	12	1	0.090	1.23	120
D73C-150M	15	1	0.120	1.09	150
D73C-180M	18	1	0.130	0.99	180
D73C-220M	22	1	0.150	0.90	220
D73C-270M	27	1	0.210	0.81	270
D73C-330M	33	1	0.250	0.72	330
D73C-390M	39	1	0.310	0.67	390
D73C-470M	47	1	0.350	0.60	470
D73C-560M	56	1	0.430	0.55	560
D73C-680M	68	1	0.520	0.50	680
D73C-820M	82	1	0.600	0.46	820
D73C-101M	100	1	0.790	0.41	101
D73C-121M	120	1	0.804	0.35	121
D73C-151M	150	1	1.100	0.30	151
D73C-181M	180	1	1.250	0.28	181
D73C-221M	220	1	1.560	0.25	221
D73C-271M	270	1	1.830	0.24	271
D73C-331M	330	1	2.900	0.23	331
D73C-391M	390	1	3.300	0.22	391
D73C-471M	470	1	3.600	0.21	471
D73C-561M	560	1	4.100	0.19	561
D73C-681M	680	1	4.600	0.18	681
D73C-821M	820	1	5.900	0.12	821
D73C-102M	1000	1	7.020	0.10	102



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