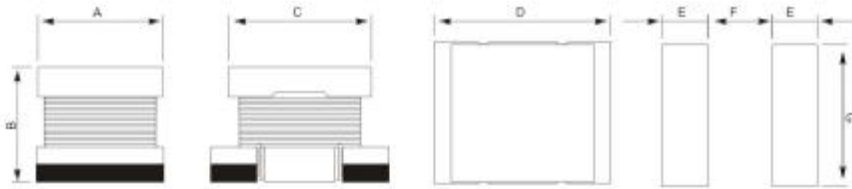


CN Series

Dimensions and Land Patterns. (UNIT: mm)



TYPE	A	B	C	D	E	F	G
CN1206	1.7±0.3	2.0±0.3	2.3±0.2	3.2±0.2	1.0	1.25	1.75
CN1210	3.0 Max	2.5 Max	2.8 Max	3.2±0.2	1.25	1.25	2.75
CN1812	3.5 Max	3.0 Max	3.5±0.2	4.5±0.2	1.25	2.0	3.25
CN2520	5.5 Max	5.5 Max	5.2 Max	6.5 Max	2.0	1.75	5.5



Applications:

Ideal use in variety of DC-DC converter inductor applications.
Mobile Phone, PDA, Notebook, Mp3, LCD monitors

SMD POWER INDUCTORS

TYPE: CN1206, CN1210, CN1812, CN2520

Parts No.	L (H)	CN1206		CN1210		CN1812		CN2520	
		D.C.R(Ω): MAX.	Rated Current (A)	D.C.R(Ω): MAX.	Rated Current (A)	D.C.R(Ω): MAX.	Rated Current (A)	D.C.R(Ω): MAX.	Rated Current (A)
1R0	1.0u	108m	1.40	81.90m	2.10	84.5m	2.70	29m	3.80
1R5	1.5u	156m	1.33	93.6m	1.85	92.8m	2.59	46m	3.00
1R8	1.8u	166m	1.26	108.3m	1.66	100.6m	2.41	51m	2.70
2R2	2.2u	183m	1.15	122.20m	1.40	107.9m	2.25	57m	2.50
2R7	2.7u	257m	1.00	124.80m	1.27	127.4m	2.00	62m	2.43
3R3	3.3u	299m	886m	163.54m	1.20	143m	1.80	68m	2.35
3R9	3.9u	322m	820m	189.54m	1.10	149.5m	1.65	73m	2.25
4R7	4.7u	413m	800m	247m	950m	182m	1.60	81m	2.00
5R6	5.6u	559m	740m	260m	885m	214.5m	1.45	104m	1.80
6R8	6.8u	608m	710m	351m	810m	204.1m	1.35	114m	1.70
8R2	8.2u	702m	570m	429m	728m	273m	1.15	138m	1.65
100	10u	726m	470m	468m	675m	286m	1.00	150m	1.50
120	12u	850m	450m	546m	600m	325m	960m	176m	1.40
150	15u	1.17	410m	598m	560m	390m	900m	215m	1.30
180	18u	1.34	375m	754m	510m	442m	880m	254m	1.23
220	22u	1.43	340m	884m	460m	546m	860m	296m	1.18
270	27u	2.08	320m	975m	410m	728m	810m	332m	1.10
330	33u	2.33	300m	1.37	368m	819m	770m	390m	980m
390	39u	2.99	270m	1.56	340m	1.08	680m	468m	900m
470	47u	3.32	250m	2.08	310m	1.25	590m	598	860m
560	56u	3.64	225m	2.29	270m	1.30	500m	683m	825m
680	68u	4.68	190m	2.40	247m	1.56	440m	936m	720m
820	82u	6.37	160m	3.61	230m	1.95	390m	1.02m	690m
101	100u	7.02	150m	4.16	215m	2.21	360m	1.13m	630m
121	120u	9.75	140m	5.07	195m	2.47	330m	1.69	540m
151	150u	10.7	120m	5.67	168m	2.95	290m	1.82	450m

※ 测试条件: L≤8.2uH 测试频率100KHz / 0.25V, (M±20%);

L>8.2uH 测试频率1KHz / 0.25V, (K±10%);

※ 测试仪表: HP4291B, 502BC, CH1062。