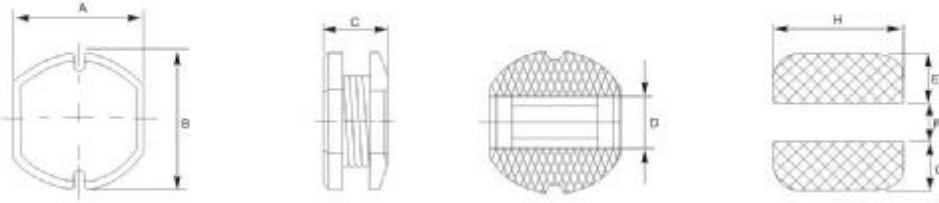


CD Series

Dimensions and Land Patterns. (UNIT: mm)



Applications:
VCR, OA equipment, LCD,
notebook, DC to DC converters,
DC to AC inverters.

TYPE	A±0.30	B±0.30	C(Max)	D	E	F	G	H
CD30	3.00	3.50	1.30	1.00	1.30	0.90	1.30	3.50
CD31	3.00	3.50	1.80	1.00	1.30	0.90	1.30	3.50
CD32	3.00	3.50	2.40	1.00	1.30	0.90	1.30	3.50
CD42	4.00	4.50	2.30	1.50	1.80	1.20	1.80	4.50
CD43	4.00	4.50	3.50	1.50	1.80	1.20	1.80	4.50
CD51	5.20	5.80	2.30	1.50	2.70	1.20	2.70	5.80
CD52	5.20	5.80	2.80	2.00	2.40	1.80	2.40	5.80
CD53	5.20	5.80	3.80	1.80	2.70	1.20	2.70	5.80
CD54	5.20	5.80	4.80	1.50	2.60	1.40	2.60	5.80
CD73	7.00	7.80	3.80	2.50	3.00	2.00	3.00	7.50
CD75	7.00	7.80	5.20	2.50	3.00	2.00	3.00	7.50
CD104	9.00	10.00	4.20	3.20	3.75	2.50	3.75	9.50
CD105	9.00	10.00	5.80	3.20	3.75	2.50	3.75	9.50

SMD POWER INDUCTORS

TYPE: CD30, CD31, CD32, CD42, CD43

Parts No.	L (H)	CD30 CD31		CD32		CD42		CD43	
		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		1.20	48.10m	2.00	20m	1.33	20.00n	2.60
1R2	1.2u		1.18	49.00m	1.92	22m	1.25	24.00n	2.52
1R5	1.5u		1.13	51.00m	1.86	25m	1.20	32.00n	2.46
1R8	1.8u		1.10	56.00m	1.80	31m	1.11	39.00n	2.38
2R2	2.2u		980m	72.80m	1.40	39m	980m	42.00n	2.30
2R7	2.7u		960m	98.00m	1.30	42m	902m	47.00n	2.20
3R3	3.3u		930m	108.55m	1.25	53m	815m	51.00n	2.10
3R9	3.9u		910m	148.20m	1.20	66m	739m	72.80n	1.90
4R7	4.7u		900m	172.90m	1.10	72m	642m	76.00n	1.60
5R6	5.6u		850m	192.40m	900m	81m	600m	83.00n	1.45
6R8	6.8u		810m	219.44m	850m	100m	562m	100.00n	1.35
8R2	8.2u		710m	247.00m	800m	107m	517m	120.00n	1.30
100	10u		610m	286.00m	730m	143m	451m	150.00n	1.00
120	12u		580m	325.00m	620m	163m	400m	155.00n	900n
150	15u		530m	468.00m	600m	195m	390m	195.00n	800n
180	18u		480m	546.00m	530m	247m	333m	230.00n	700n
220	22u		430m	611.00m	500m	300m	312m	270.00n	600n
270	27u		410m	680.00m	420m	338m	278m	310.00n	550n
330	33u		370m	962.00m	400m	420m	250m	345.00n	500n
390	39u		340m	1.05	360m	495m	240m	400.00n	480n

※ 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。

SMD POWER INDUCTORS

TYPE: CD51, CD52, CD53, CD54

Parts No.	L (H)	CD51		CD52		CD53		CD54	
		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	25.00m	2.80	13.70m	3.55	16.50m	3.70	13.00m	5.40
1R5	1.5u	32.00m	2.50	28.60m	3.40	19.50m	3.50	16.90m	4.70
1R8	1.8u	35.00m	2.30	30.00m	2.50	22.00m	3.00	19.50m	4.50
2R2	2.2u	46.00m	2.15	32.50m	2.35	25.00m	2.85	22.10m	4.00
2R5	2.5u	54.60m	1.95	33.50m	2.32	33.80m	2.70	25.50m	3.90
2R7	2.7u	62.30m	1.78	35.00m	2.30	36.20m	2.58	28.80m	3.80
3R3	3.3u	69.00m	1.60	48.00m	2.20	39.50m	2.40	31.20m	3.70
3R9	3.9u	83.20m	1.45	63.50m	2.10	46.00m	2.25	36.40m	3.20
4R7	4.7u	91.00m	1.43	75.00m	1.95	52.00m	1.90	52.00m	3.10
5R6	5.6u	103.00m	1.40	87.60m	1.75	58.00m	1.88	54.60m	2.80
6R8	6.8u	121.00m	1.20	95.00m	1.56	71.20m	1.87	58.50m	2.40
8R2	8.2u	165.00m	950m	118.00m	1.50	80.60m	1.82	62.40m	2.00
100	10u	192.00m	900m	151.00m	1.40	93.60m	1.78	87.90m	1.42
120	12u	208.00m	870m	156.00m	1.25	126.00m	1.60	75.40m	1.38
150	15u	259.00m	840m	234.00m	1.11	139.00m	1.58	105.30m	1.28
180	18u	280.00m	820m	240.00m	1.00	160.00m	1.30	117.00m	1.22
220	22u	389.00m	690m	298.00m	950m	192.40m	1.29	169.00m	1.10
270	27u	411.00m	680m	325.00m	930m	242.00m	1.10	153.40m	950m
330	33u	533.00m	625m	408.00m	840m	325.00m	950m	208.00m	860m
390	39u	611.00m	615m	434.00m	780m	369.00m	920m	214.50m	780m
470	47u	735.00m	535m	569.00m	730m	435.50m	820m	355.00m	710m

SMD POWER INDUCTORS

TYPE: CD73, CD75, CD104, CD105

Parts No.	L (H)	CD73		CD75		CD104		CD105	
		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	7.90m	7.30	13.00m	5.20	8.10m	8.90	8.45m	8.00
1R2	1.2u	9.10m	5.60	13.50m	5.10	9.88m	7.50	10.30m	7.20
1R5	1.5u	11.30m	5.10	13.80m	5.00	11.20m	6.30	13.78m	6.80
1R8	1.8u	12.80m	4.70	14.40m	4.90	12.30m	5.60	15.60m	6.50
2R2	2.2u	14.30m	4.00	15.70m	4.75	13.00m	4.70	16.70m	6.00
2R7	2.7u	16.90m	3.50	16.90m	4.60	15.30m	4.20	17.81m	5.50
3R3	3.3u	19.50m	3.00	19.50m	4.00	17.60m	3.80	19.50m	5.00
3R9	3.9u	22.10m	2.50	23.40m	4.00	19.89m	3.20	21.20m	4.80
4R7	4.7u	26.00m	2.00	26.00m	3.80	28.60m	3.20	22.10m	4.60
5R6	5.6u	31.20m	1.80	27.30m	3.10	31.20m	3.00	23.79m	4.00
6R8	6.8u	39.00m	1.70	32.50m	2.80	32.50m	2.70	26.00m	3.60
8R2	8.2u	45.50m	1.55	39.00m	2.52	39.00m	2.60	31.20m	3.20
100	10u	55.90m	1.43	41.60m	2.31	46.80m	2.35	34.45m	2.58
120	12u	59.80m	1.38	49.40m	2.00	56.55m	2.10	40.30m	2.44
150	15u	72.80m	1.23	71.50m	1.81	66.95m	1.86	45.50m	2.26
180	18u	85.80m	1.10	84.50m	1.59	81.25m	1.72	48.49m	2.13
220	22u	117.00m	1.06	91.00m	1.50	92.95m	1.61	70.20m	1.93
270	27u	130.00m	930m	106.60m	1.28	109.07m	1.42	84.11m	1.74
330	33u	162.50m	820m	119.60m	1.20	124.54m	1.24	92.30m	1.46

※ 测试条件: $L \leq 8.2\mu\text{H}$ 测试频率100KHz / 0.25V, (M \pm 20%);

$L > 8.2\mu\text{H}$ 测试频率1KHz / 0.25V, (K \pm 10%);

※ 测试仪表: HP4291B、502BC、CH1062。