

CHOKE COILS POWER CHIP

ELECTRICAL SPECIFICATION

ITEM	L	DCR	SRF	IDC1	IDC2
HCD096205	(μH)	MAX(Ω)	MIN(MHz)	MAX(A)	MAX(A)
R56M	0.56±20%	0.010	200	7.7	6.0
1R2M	1.2±20%	0.017	140	5.3	4.4
2R2M	2.2±20%	0.035	100	3.5	3.1
4R7M	4.7±20%	0.054	50	2.6	2.2
100M	10±20%	0.111	40	1.9	1.5
150M	15±20%	0.170	30	1.5	1.2
220M	22±20%	0.250	25	1.2	1.0
330M	33±20%	0.370	20	0.99	0.8
470M	47±20%	0.470	15	0.87	0.7

ITEM	L	DCR	SRF	IDC1	IDC2
HCD131006	(μH)	MAX(Ω)	MIN(MHz)	MAX(A)	MAX(A)
R33M	0.33±20%	0.002	300	20.0	16.0
R68M	0.68±20%	0.005	200	13.0	12.0
1R0M	1.0±20%	0.006	100	11.0	10.0
1R5M	1.5±20%	0.008	90	9.0	9.0
2R2M	2.2±20%	0.011	90	7.8	7.4
2R7M	2.7±20%	0.012	65	7.0	6.6
3R3M	3.3±20%	0.014	65	6.4	5.9
4R7M	4.7±20%	0.018	45	5.4	4.8

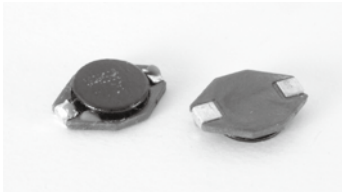
ITEM	L	DCR	SRF	IDC1	IDC2
HCD231608	(μH)	MAX(Ω)	MIN(MHz)	MAX(A)	MAX(A)
R78M	0.78±20%	2.6	156	30	15
1R5M	1.5±20%	4.0	100	25	15
2R2M	2.2±20%	6.1	75	20	12
3R3M	3.3±20%	8.6	60	17	10
3R9M	3.9±20%	10	55	15	9.0
4R7M	4.7±20%	14	40	13	8.4
6R0M	6.0±20%	17	35	12	7.5
7R8M	7.8±20%	18	35	11	7.5
100M	10±20%	26	28	10	6.0

J: ±5%, K: ±10%, M: ±20%

* Hong can design any part to your requirements with different inductance.

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HCP TYPE

TYPE	DIMENSION
HCP 139403	 A: 12.95 MAX B: 9.4 MAX C: 3.0 MAX D: 2.54 E: 2.54 F: 7.62
HCP 139405	 A: 12.95 MAX B: 9.4 MAX C: 5.21 MAX D: 2.54 E: 2.54 F: 7.62
HCP 139412	 A: 12.95 MAX B: 9.4 MAX C: 11.43 MAX D: 2.54 E: 2.54 F: 7.62
HCP 191507	 A: 18.54 MAX B: 15.24 MAX C: 7.11 MAX D: 2.54 E: 2.54 F: 12.7

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ELECTRICAL SPECIFICATION

ITEM	L	SRF	DCR	IDC1	IDC2
HCP139403 (μH)		(MHz)	MAX. (Ω)	MAX. (A)	MAX. (A)
100M	10	35.0	0.1	2.4	2.0
150M	15	33.0	0.2	2.0	1.5
220M	22	25.0	0.2	1.6	1.3
330M	33	19.0	0.3	1.4	1.1
470M	47	14.0	0.4	1.0	0.8
680M	68	12.0	0.7	0.9	0.7
101M	100	10.0	0.8	0.7	0.6
151M	150	8.0	1.2	0.6	0.5
221M	220	6.0	1.9	0.5	0.4
331M	330	5.0	2.7	0.4	0.3
471M	470	4.0	4.0	0.3	0.2
681M	680	3.0	5.3	0.2	0.1
102M	1000	2.5	8.4	0.1	0.1

M: ±20%

ITEM	L	SRF	DCR	IDC1	IDC2
HCP139405 (μH)		(MHz)	MAX. (Ω)	MAX. (A)	MAX. (A)
1R0M	1.0	100	0.009	9.0	6.8
1R5M	1.5	90	0.010	8.0	6.4
2R2M	2.2	80	0.012	7.0	6.1
3R3M	3.3	65	0.015	6.4	5.4
4R7M	4.7	45	0.018	5.4	4.8
6R8M	6.8	38	0.027	4.6	4.4
100M	10	30	0.038	3.8	3.9
150M	15	27	0.046	3.0	3.1
220M	22	19	0.085	2.6	2.7
330M	33	15	0.10	2.0	2.1
470M	47	12	0.14	1.6	1.8
680M	68	10	0.20	1.4	1.5
101M	100	9	0.28	1.2	1.3
150M	15	6	0.40	1.0	1.0
221M	22	5	0.61	0.8	0.8
331M	33	4.5	1.02	0.6	0.6
471M	47	3.5	1.27	0.5	0.5
681M	68	2.5	2.02	0.4	0.4
102M	1000	2.0	3.00	0.3	0.3

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ELECTRICAL SPECIFICATION

ITEM	L	SRF	DCR	IDC1	IDC2
HCP139412 (μH)		(MHz)	MAX. (Ω)	MAX. (A)	MAX. (A)
100M	10	22.0	0.04	8.0	3.5
150M	15	18.0	0.05	7.0	3.0
220M	22	11.0	0.066	5.5	2.5
330M	33	9.0	0.08	4.0	2.0
470M	47	8.0	0.11	3.8	1.6
680M	68	7.0	0.17	3.0	1.2
101M	100	5.0	0.22	2.5	1.2
151M	150	4.0	0.34	2.0	0.9
221M	220	3.5	0.44	1.6	0.7
331M	330	2.5	0.70	1.2	0.6
471M	470	2.0	0.95	1.0	0.3
681M	680	2.0	1.20	1.0	0.2
102M	1000	1.5	2.00	0.8	0.1

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ITEM	L	DCR	IDC1	IDC2
HCP191507 (μH)		MAX. (Ω)	MAX. (A)	MAX. (A)
1R0M	1.0	0.009	20	8.6
2R2M	2.2	0.014	16	7.1
3R3M	3.3	0.018	14	6.2
5R6M	6.8	0.020	12	5.3
100M	10	0.031	10	4.3
150M	15	0.036	8	4.0
220M	22	0.047	7	3.5
330M	33	0.066	5.5	3.0
470M	47	0.086	4.5	2.6
680M	68	0.13	3.5	2.3
101M	100	0.19	3.0	1.8
151M	150	0.25	2.6	1.5
221M	220	0.38	2.4	1.2
331M	330	0.56	1.9	1.0
471M	470	0.85	1.4	0.82
681M	680	1.10	1.2	0.72
102M	1000	1.80	1.0	0.56