

CHOKE COILS POWER CHIP

ELECTRICAL SPECIFICATION

ITEM	L	DCR	IDC	ITEM	L	DCR	IDC
HCRH125	(μ H)	MAX. (m Ω)	MAX. (A)	HCRH127	(μ H)	MAX. (m Ω)	MAX. (A)
100M	10 $\pm$ 20%	34	4.00	1R2M	1.2 $\pm$ 20%	7.0	9.80
120M	12 $\pm$ 20%	37	3.50	2R4M	2.4 $\pm$ 20%	11.5	8.00
150M	15 $\pm$ 20%	43	3.30	3R5M	3.5 $\pm$ 20%	13.5	7.50
180M	18 $\pm$ 20%	45	3.00	4R7M	4.7 $\pm$ 20%	15.8	6.80
220M	22 $\pm$ 20%	49	2.80	6R1M	6.1 $\pm$ 20%	17.6	6.60
270M	27 $\pm$ 20%	55	2.30	7R6M	7.6 $\pm$ 20%	20.0	5.90
330M	33 $\pm$ 20%	66	2.10	100M	10 $\pm$ 20%	21.6	5.40
390M	39 $\pm$ 20%	72	2.00	120M	12 $\pm$ 20%	24.3	4.90
470M	47 $\pm$ 20%	87	1.80	150M	15 $\pm$ 20%	27.0	4.50
560M	56 $\pm$ 20%	118	1.70	180M	18 $\pm$ 20%	39.2	3.90
680M	68 $\pm$ 20%	128	1.50	220M	22 $\pm$ 20%	43.2	3.60
820M	82 $\pm$ 20%	150	1.40	270M	27 $\pm$ 20%	45.9	3.40
101M	100 $\pm$ 20%	164	1.30	330M	33 $\pm$ 20%	64.8	3.00
121M	120 $\pm$ 20%	210	1.10	390M	39 $\pm$ 20%	72.9	2.75
151M	150 $\pm$ 20%	246	1.00	470M	47 $\pm$ 20%	100	2.50
181M	180 $\pm$ 20%	299	0.90	560M	56 $\pm$ 20%	110	2.35
221M	220 $\pm$ 20%	412	0.80	680M	68 $\pm$ 20%	140	2.10
271M	270 $\pm$ 20%	470	0.75	820M	82 $\pm$ 20%	160	1.95
331M	330 $\pm$ 20%	577	0.68	101M	100 $\pm$ 20%	220	1.70
391M	390 $\pm$ 20%	700	0.65	121M	120 $\pm$ 20%	250	1.60
471M	470 $\pm$ 20%	752	0.58	151M	150 $\pm$ 20%	280	1.42
561M	560 $\pm$ 20%	906	0.54	181M	180 $\pm$ 20%	350	1.30
681M	680 $\pm$ 20%	1257	0.48	221M	220 $\pm$ 20%	390	1.16
821M	820 $\pm$ 20%	1380	0.43	271M	270 $\pm$ 20%	560	1.06
102M	1000 $\pm$ 20%	1629	0.40	331M	330 $\pm$ 20%	640	0.95
				391M	390 $\pm$ 20%	700	0.88
				471M	470 $\pm$ 20%	980	0.79
				561M	560 $\pm$ 20%	1070	0.73
				681M	680 $\pm$ 20%	1460	0.67
				821M	820 $\pm$ 20%	1640	0.60
				102M	1000 $\pm$ 20%	1820	0.55

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

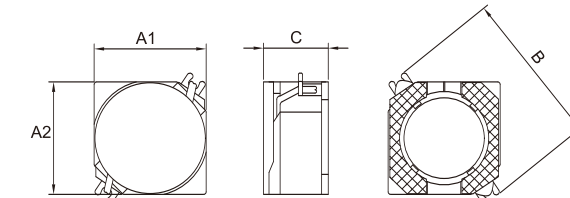
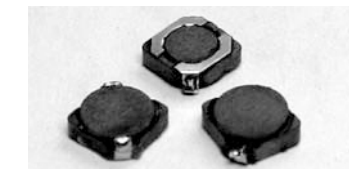
CHOKE COILS POWER CHIP

HCRH*D TYPE

TYPE

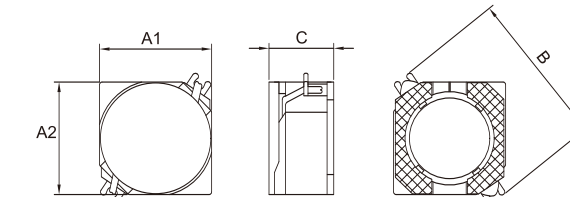
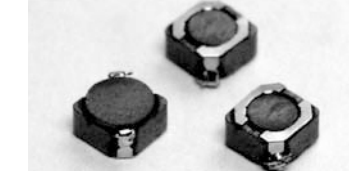
DIMENSION

HCRH 4D18



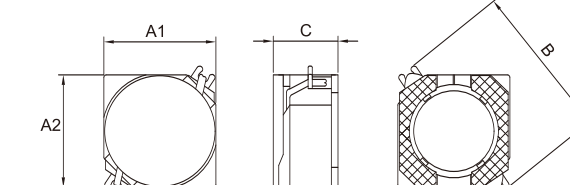
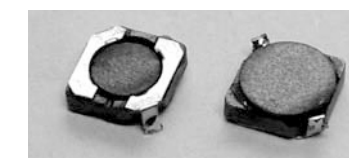
A1: 5.0 MAX.
A2: 5.0 MAX.
B: 6.9 MAX.
C: 2.0 MAX.

HCRH 4D28



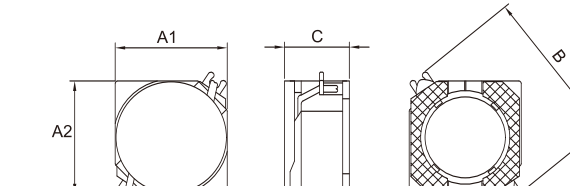
A1: 5.0 MAX.
A2: 5.0 MAX.
B: 6.9 MAX.
C: 3.1 MAX.

HCRH 5D18



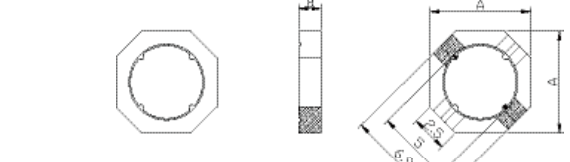
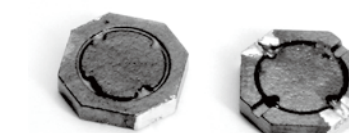
A1: 5.7 MAX.
A2: 5.7 MAX.
B: 8.2 MAX.
C: 2.0 MAX.

HCRH 5D28



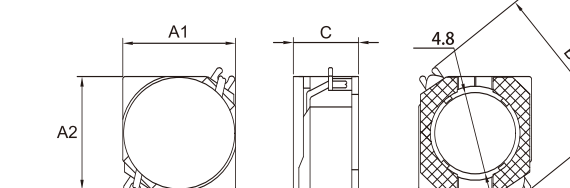
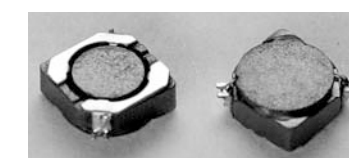
A1: 5.7 MAX.
A2: 5.7 MAX.
B: 8.2 MAX.
C: 3.1 MAX.

HCRH 6D12



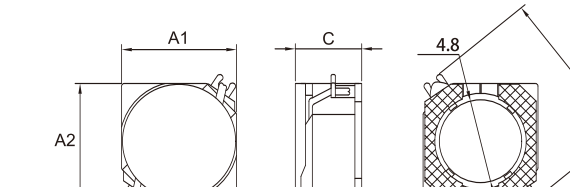
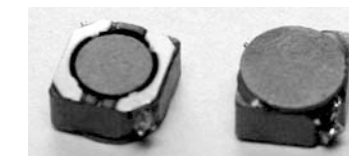
A: 6.7 MAX.
B: 1.5 MAX.

HCRH 6D28



A1: 7.3 MAX.
A2: 7.3 MAX.
B: 10.5 MAX.
C: 3.0 MAX.

HCRH 6D38



A1: 7.0 MAX.
A2: 7.0 MAX.
B: 9.5 MAX.
C: 4.0 MAX.

CHOKES COILS POWER CHIP



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ITEM	L	DCR	IDC
HCRH4D18	(μH)	MAX.(mΩ)	MAX.(A)
1R0N	1.0±30%	45	1.72
2R2N	2.2±30%	75	1.32
2R7N	2.7±30%	80	1.28
3R3N	3.3±30%	95	1.04
3R9N	3.9±30%	100	0.88
4R7N	4.7±30%	108	0.84
5R6N	5.6±30%	145	0.80
6R8N	6.8±30%	170	0.76
8R2N	8.2±30%	180	0.68
100N	10±30%	200	0.61
120N	12±30%	205	0.58
150N	15±30%	270	0.50
180N	18±30%	290	0.48
220N	22±30%	390	0.46
270N	27±30%	410	0.35
330N	33±30%	500	0.32
390N	39±30%	650	0.30
470N	47±30%	700	0.28

N: ± 30%

ITEM	L	DCR	IDC
HCRH4D28	(μH)	MAX.(mΩ)	MAX.(A)
1R2N	1.2±30%	42	2.56
1R8N	1.8±30%	44	2.20
2R2N	2.2±30%	47	2.04
2R7N	2.7±30%	49	1.60
3R3N	3.3±30%	57	1.57
3R9N	3.9±30%	74	1.44
4R7N	4.7±30%	80	1.32
5R6N	5.6±30%	90	1.17
6R8N	6.8±30%	98	1.12
8R2N	8.2±30%	124	1.04
100N	10±30%	134	1.00
120N	12±30%	144	0.84
150N	15±30%	165	0.76
180N	18±30%	190	0.72
220N	22±30%	248	0.70
270N	27±30%	261	0.58
330N	33±30%	320	0.56
390N	39±30%	360	0.50
470N	47±30%	480	0.48
560N	56±30%	500	0.41
680N	68±30%	550	0.35
820N	82±30%	660	0.32
101N	100±30%	760	0.29
121N	120±30%	1027	0.27
151N	150±30%	1450	0.24
181N	180±30%	1550	0.22

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ELECTRICAL SPECIFICATION

ITEM	L	DCR	IDC1/IDC2
HCRH5D18	(μH)	MAX.(mΩ)	MAX.(A)
5R4N	5.4±30%	76	1.55
6R2N	6.2±30%	96	1.38
8R9N	8.9±30%	116	1.12
100N	10±30%	162	1.05
120N	12±30%	192	0.95
150N	15±30%	225	0.90
180N	18±30%	260	0.85
220N	22±30%	280	0.70
270N	27±30%	300	0.65
330N	33±30%	386	0.60
390N	39±30%	480	0.55
470N	47±30%	520	0.48
560N	56±30%	665	0.45
680N	68±30%	800	0.40
820N	82±30%	978	0.36
101N	100±30%	1200	0.33

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ELECTRICAL SPECIFICATION

ITEM HCRH6D12	L (μH)	DCR MAX.(mΩ)	IDC MAX. (A)
1R0N	1.0±30%	37.5	3.50
1R5N	1.5±30%	41.3	2.80
2R2N	2.2±30%	50.0	2.50
2R6N	2.6±30%	56.3	2.30
3R3N	3.3±30%	62.5	2.20
4R2N	4.2±30%	75.0	1.90
6R4N	6.4±30%	119.0	1.50
100N	10±30%	165.0	1.20
150N	15±30%	234.8	0.95
220N	22±30%	325.0	0.80
330N	33±30%	500.0	0.65
470N	47±30%	675.0	0.55
680N	68±30%	918.8	0.45

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ELECTRICAL SPECIFICATION

ITEM HCRH6D38	L (μH)	DCR MAX.(mΩ)	IDC MAX.(A)
3R3N	3.3±30%	27	3.50
5R0N	5.0±30%	34	2.90
6R2N	6.2±30%	36	2.50
7R4N	7.4±30%	38	2.30
8R7N	8.7±30%	40	2.20
100N	10±30%	49	2.00
120N	12±30%	54	1.70
150N	15±30%	62	1.60
180N	18±30%	71	1.50
220N	22±30%	80	1.30
270N	27±30%	102	1.20
330N	33±30%	116	1.10
390N	39±30%	125	1.00
470N	47±30%	153	0.95
560N	56±30%	182	0.85
680N	68±30%	195	0.75
820N	82±30%	220	0.70
101N	100±30%	285	0.65

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