

CHOKE COILS POWER CHIP HPC TYPE

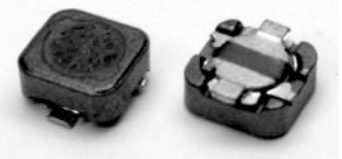
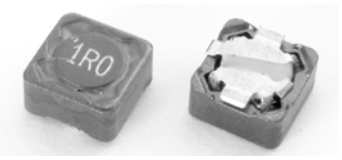
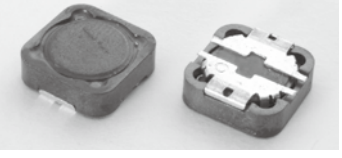
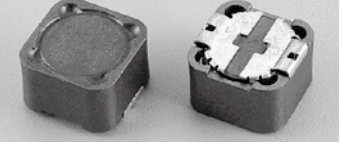
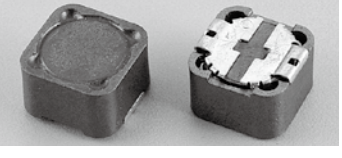
ELECTRICAL SPECIFICATION

ITEM	L	DCR	IDC
HPC1005	(μH)	MAX. (Ω)	MAX. (A)
100M	10±20%	0.06	2.60
120M	12±20%	0.07	2.45
150M	15±20%	0.08	2.27
180M	18±20%	0.09	2.15
220M	22±20%	0.10	1.95
270M	27±20%	0.11	1.76
330M	33±20%	0.12	1.50
390M	39±20%	0.14	1.37
470K	47±10%	0.17	1.28
560K	56±10%	0.19	1.17
680K	68±10%	0.22	1.11
820K	82±10%	0.25	1.00
101K	100±10%	0.35	0.97
121K	120±10%	0.40	0.89
151K	150±10%	0.47	0.78
181K	180±10%	0.63	0.72
221K	220±10%	0.73	0.66
271K	270±10%	0.97	0.57
331K	330±10%	1.15	0.52
391K	390±10%	1.30	0.48
471K	470±10%	1.48	0.42
561K	560±10%	1.90	0.33
681K	680±10%	2.25	0.28
821K	820±10%	2.25	0.24
102K	1000±10%	2.50	0.22

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

CHOKE COILS POWER CHIP

HCRH TYPE

TYPE	DIMENSION		
HCRH 0630			A: 6.6±0.3 B: 6.2±0.3 C: 3.0 MAX. D: 1.5 REF
HCRH 0732			A: 7.3±0.2 B: 3.2±0.2 C: 2.0±0.1
HCRH 0745			A: 7.3±0.2 B: 4.5 MAX. C: 2.0±0.1
HCRH 124			A: 12.0±0.3 B: 4.8 MAX. C: 8.0±0.3 D: 5.0±0.2
HCRH 125			A: 12±0.3 B: 6 MAX. C: 8±0.3 D: 5±0.2
HCRH 127			A: 12±0.3 B: 8 MAX. C: 8±0.3 D: 5±0.2

RECOMMENDED LAND PATTERN
FOR SMT (m/m),

CHOKE COILS POWER CHIP



ELECTRICAL SPECIFICATION

ITEM	L	DCR	IDC
HCRH0630	(μH)	MAX. (Ω)	MAX. (A)
100M	10±20%	0.150	1.10
120M	12±20%	0.200	1.00
150M	15±20%	0.230	0.90
180M	18±20%	0.270	0.80
220M	22±20%	0.340	0.74
270M	27±20%	0.380	0.66
330M	33±20%	0.450	0.59
390M	39±20%	0.490	0.54
470M	47±20%	0.690	0.50
560M	56±20%	0.780	0.46
680M	68±20%	1.070	0.42
820M	82±20%	1.210	0.38
101M	100±20%	1.390	0.34
121M	120±20%	1.900	0.31
151M	150±20%	2.180	0.28
181M	180±20%	2.770	0.26
221M	220±20%	3.120	0.23

J: ± 5%,K: ± 10%,M: ± 20%

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CHOKE COILS POWER CHIP

ELECTRICAL SPECIFICATION

ITEM	L	DCR	IDC
HCRH0745	(μH)	MAX. (mΩ)	MAX. (A)
100M	10±20%	49	1.84
120M	12±20%	58	1.71
150M	15±20%	81	1.47
180M	18±20%	91	1.31
220M	22±20%	110	1.23
270M	27±20%	150	1.12
330M	33±20%	170	1.96
390M	39±20%	230	0.91
470M	47±20%	260	0.88
560M	56±20%	350	0.75
680M	68±20%	380	0.69
820M	82±20%	430	0.61
101M	100±20%	610	0.60
121M	120±20%	660	0.52
151M	150±20%	880	0.46
181M	180±20%	980	0.42
221M	220±20%	1170	0.36
271M	270±20%	1640	0.34
331M	330±20%	1860	0.32
391M	390±20%	2850	0.29
471M	470±20%	3010	0.26
561M	560±20%	3620	0.23
681M	680±20%	4630	0.22
821M	820±20%	5200	0.20
102M	1000±20%	6000	0.18

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CHOKES COILS POWER CHIP

ELECTRICAL SPECIFICATION

ITEM	L	DCR	IDC
HCRH125	(μH)	MAX. (mΩ)	MAX. (A)
100M	10±20%	34	4.00
120M	12±20%	37	3.50
150M	15±20%	43	3.30
180M	18±20%	45	3.00
220M	22±20%	49	2.80
270M	27±20%	55	2.30
330M	33±20%	66	2.10
390M	39±20%	72	2.00
470M	47±20%	87	1.80
560M	56±20%	118	1.70
680M	68±20%	128	1.50
820M	82±20%	150	1.40
101M	100±20%	164	1.30
121M	120±20%	210	1.10
151M	150±20%	246	1.00
181M	180±20%	299	0.90
221M	220±20%	412	0.80
271M	270±20%	470	0.75
331M	330±20%	577	0.68
391M	390±20%	700	0.65
471M	470±20%	752	0.58
561M	560±20%	906	0.54
681M	680±20%	1257	0.48
821M	820±20%	1380	0.43
102M	1000±20%	1629	0.40

ITEM	L	DCR	IDC
HCRH127	(μH)	MAX. (mΩ)	MAX. (A)
1R2M	1.2±20%	7.0	9.80
2R4M	2.4±20%	11.5	8.00
3R5M	3.5±20%	13.5	7.50
4R7M	4.7±20%	15.8	6.80
6R1M	6.1±20%	17.6	6.60
7R6M	7.6±20%	20.0	5.90
100M	10±20%	21.6	5.40
120M	12±20%	24.3	4.90
150M	15±20%	27.0	4.50
180M	18±20%	39.2	3.90
220M	22±20%	43.2	3.60
270M	27±20%	45.9	3.40
330M	33±20%	64.8	3.00
390M	39±20%	72.9	2.75
470M	47±20%	100	2.50
560M	56±20%	110	2.35
680M	68±20%	140	2.10
820M	82±20%	160	1.95
101M	100±20%	220	1.70
121M	120±20%	250	1.60
151M	150±20%	280	1.42
181M	180±20%	350	1.30
221M	220±20%	390	1.16
271M	270±20%	560	1.06
331M	330±20%	640	0.95
391M	390±20%	700	0.88
471M	470±20%	980	0.79
561M	560±20%	1070	0.73
681M	680±20%	1460	0.67
821M	820±20%	1640	0.60
102M	1000±20%	1820	0.55

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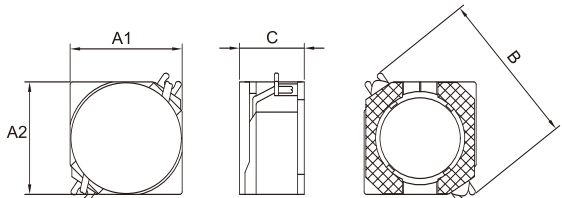
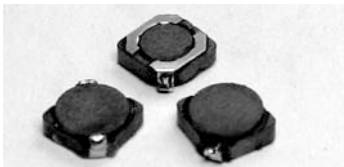
CHOKES COILS POWER CHIP

HCRH*D TYPE

TYPE

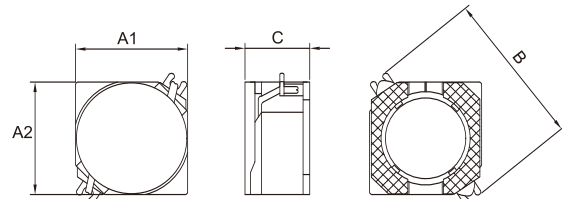
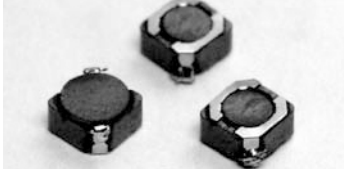
DIMENSION

HCRH 4D18



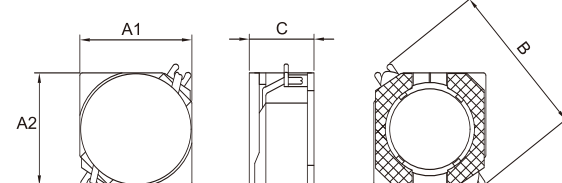
A1: 5.0 MAX.
A2: 5.0 MAX.
B: 6.9 MAX.
C: 2.0 MAX.

HCRH 4D28



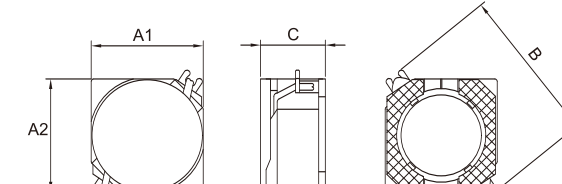
A1: 5.0 MAX.
A2: 5.0 MAX.
B: 6.9 MAX.
C: 3.1 MAX.

HCRH 5D18



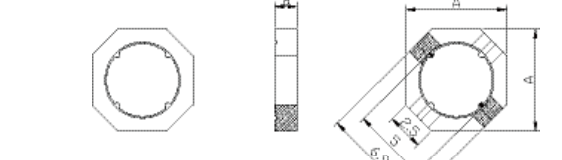
A1: 5.7 MAX.
A2: 5.7 MAX.
B: 8.2 MAX.
C: 2.0 MAX.

HCRH 5D28



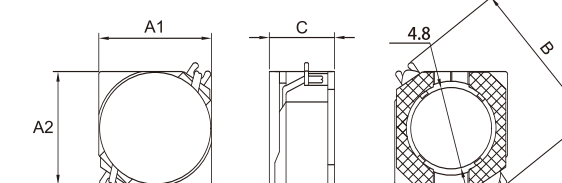
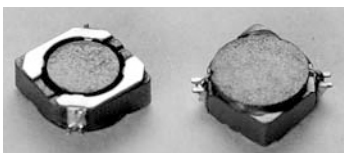
A1: 5.7 MAX.
A2: 5.7 MAX.
B: 8.2 MAX.
C: 3.1 MAX.

HCRH 6D12



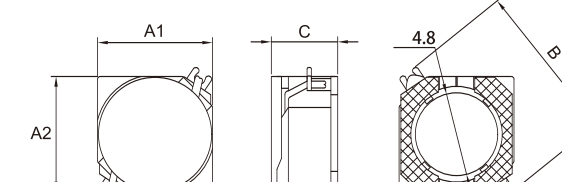
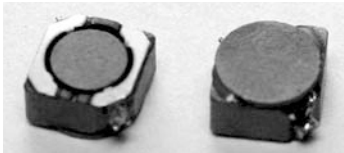
A: 6.7 MAX
B: 1.5 MAX.

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.