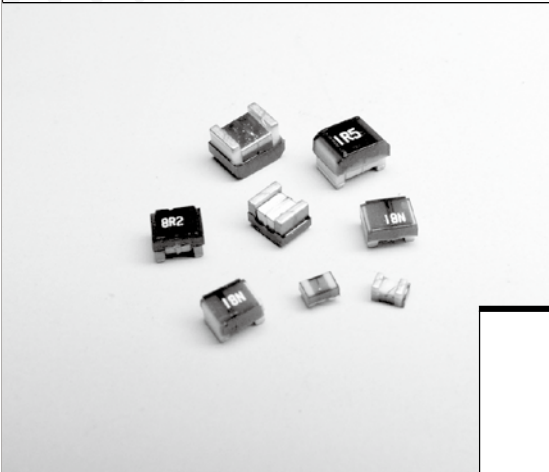
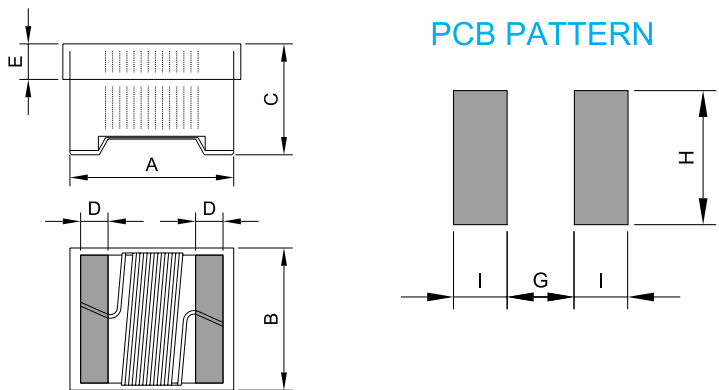


WOUND CHIP INDUCTOR



HSHW / HSFW SERIES

CONFIGURATION & CONSTRUCTION: (m/m)



DIMENSIONS: (m/m)

SERIES	A	B	C	D	E	G	H
HSHW 100505 (0402)	1.0 ± 0.1	0.55 ± 0.1	0.5 ± 0.1	0.2±0.1	0.5 Ref	0.45	0.65
HSHW 161010 (0603)	1.6 ± 0.2	1.05 ± 0.2	1.05 ± 0.2	0.35±0.1	0.5 Ref	0.65	1.0
HSHW 201212 (0805)	2.0 ± 0.2	1.25 ± 0.2	1.25 ± 0.2	0.5±0.1	0.5 Ref	0.75	1.2
HSHW 252016 (1008)	2.5 ± 0.2	2.0 ± 0.2	1.6 ± 0.2	0.5±0.1	0.5 Ref	1.20	2.2
HSHW 322522 (1210)	3.2 ± 0.2	2.5 ± 0.2	2.2 ± 0.2	0.5±0.1	0.5 Ref	1.70	2.82
HSHW 201212 (0805)	2.0 ± 0.2	1.2 ± 0.2	1.25 ± 0.2	0.5±0.1	0.5 Ref	0.75	1.2
HSHW 252016 (1008)	2.5 ± 0.2	2.0 ± 0.2	1.6 ± 0.2	0.5±0.1	0.5 Ref	1.20	2.2
HSHW 322522 (1210)	3.2 ± 0.2	2.5 ± 0.2	2.2 ± 0.2	0.5±0.1	0.5 Ref	1.70	2.82

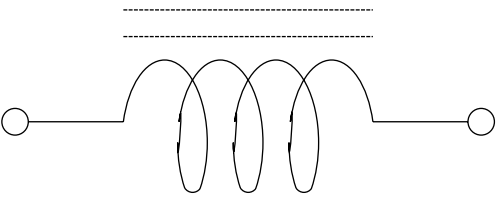
MATERIALS

- CORE : CERAMIC / FERRITE
- WIRE : ENAMELLED COPPER WIRE
- TERMINAL : Mo/Mn+Ni+Au OR Pd/Pt/Ag+Ni+Sn/Pb
- ENCAPSULANT : EPOXY RESIN

GENERAL CHARACTERISTICS

- TEMP. RISE : 40°C MAX
- RATED CURRENT : CURREN CAUSE INDUCTANCE DROP WITHIN 10% MAX.
- STORAGE TEMP. : -25°C ~ +85°C
- OPERATING TEMP. : -40°C ~ +125°C FOR CERAMIC AND -40°C ~ +85°C FOR FERRITE

SCHEMATIC DIAGRAM



CHOKE COILS POWER CHIP

ELECTRICAL SPECIFICATION

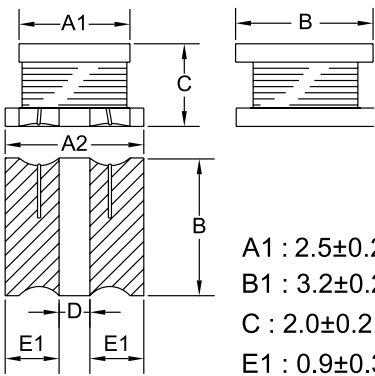
ITEM	L	L Test	DCR	SRF	IDC	Q	Q Test
HSQH322520 (μH)		Freq.	Ω	MIN.	MAX.	(MIN)	Freq.
		(MHz)	(MAX.)	(MHz)	(mA)		(MHz)
R12M	0.12±20%	25.2	0.012	300	600	57	1
R22M	0.22±20%	25.2	0.015	280	600	53	1
R33M	0.33±20%	25.2	0.028	260	600	55	1
R47M	0.47±20%	25.2	0.033	250	600	54	1
R56M	0.56±20%	25.2	0.045	230	550	50	1
R82M	0.82±20%	25.2	0.050	220	550	50	1
1R0M	1.0±20%	7.96	0.061	200	550	35	1
1R5M	1.5±20%	7.96	0.080	150	500	30	1
2R2M	2.2±20%	7.96	0.092	100	500	30	1
3R3M	3.3±20%	7.96	0.127	80	480	27	1
4R7M	4.7±20%	7.96	0.200	70	450	26	1
5R6M	5.6±20%	7.96	0.240	70	400	28	1
6R8M	6.8±20%	7.96	0.292	60	400	26	1
8R2M	8.2±20%	7.96	0.370	50	400	25	1
100M	10±20%	2.52	0.400	50	350	21	1
120M	12±20%	2.52	0.500	40	320	20	1
150M	15±20%	2.52	0.575	35	300	22	1
180M	18±20%	2.52	0.650	30	300	17	1
220M	22±20%	2.52	0.950	28	250	24	1
270M	27±20%	2.52	0.940	25	250	23	1
330M	33±20%	2.52	1.050	20	250	21	1
390M	39±20%	2.52	0.450	18	200	22	1
470M	47±20%	2.52	1.750	16.5	200	20	1
560M	56±20%	2.52	2.200	16	200	34	1
680M	68±20%	2.52	2.470	15	180	32	1
820M	82±20%	2.52	3.010	14	180	29	1

HSQH 322520 SERIES



SPECIALIZE IN HIGH CURRENT & HIGH INDUCTANCE FOR SMD INDUCTORS

CONSTRUCTION (m/m)



A1 : 2.5±0.2 A2 : 3.2±0.3
B1 : 3.2±0.2 B2 : 2.5±0.2
C : 2.0±0.2 D : 1.3±0.2
E1 : 0.9±0.3

COIL CODE

HSQH32 25 20 150 M

TOLERANCE : ±20%
INDUCTANCE : 15μH
C DIM.
B DIM.
A2 DIM.
HSQH TYPE