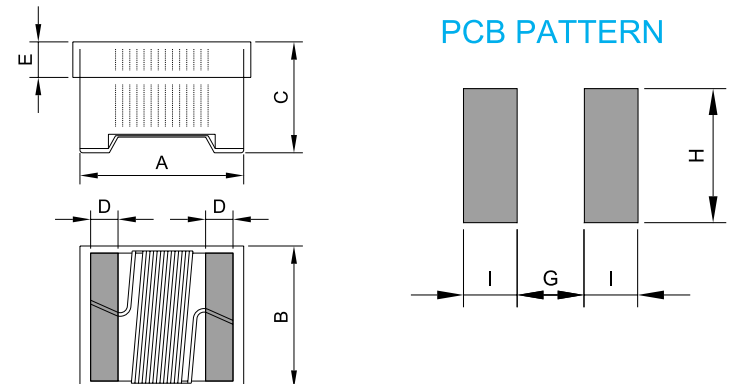


WOUND CHIP INDUCTOR

HSHW / HSFW SERIES

CONFIGURATION & CONSTRUCTION: (m/m)



PCB PATTERN

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

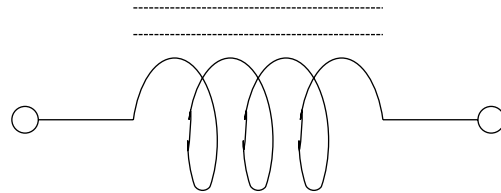
MATERIALS

- 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

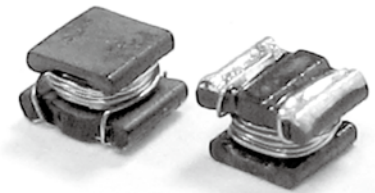


CHOKE COILS POWER CHIP

ELECTRICAL SPECIFICATION

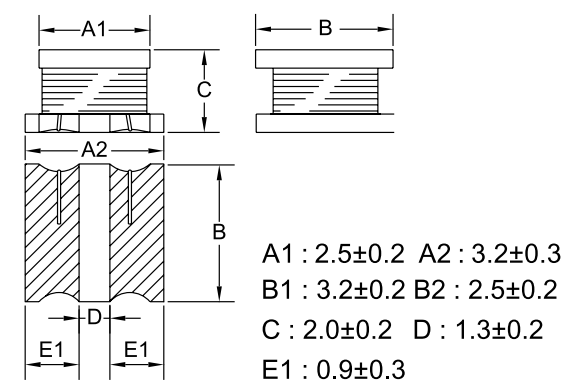
ITEM	L	L Test	DCR	SRF	IDC	Q	Q Test
HSQH322520 (μH)		Freq.	Ω	MIN.	MAX.	(MIN)	Freq.
		(MHz)	(MAX.)	(MHz)	(mA)		(MHz)
R12M	0.12±20%	25.2	0.012	300	600	57	1
R22M	0.22±20%	25.2	0.015	280	600	53	1
R33M	0.33±20%	25.2	0.028	260	600	55	1
R47M	0.47±20%	25.2	0.033	250	600	54	1
R56M	0.56±20%	25.2	0.045	230	550	50	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

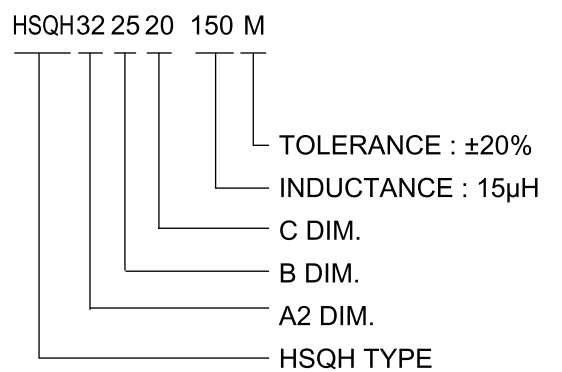


SPECIALIZE IN HIGH CURRENT & HIGH INDUCTANCE FOR SMD INDUCTORS

CONSTRUCTION (m/m)



COIL CODE



WOUND CHIP INDUCTOR

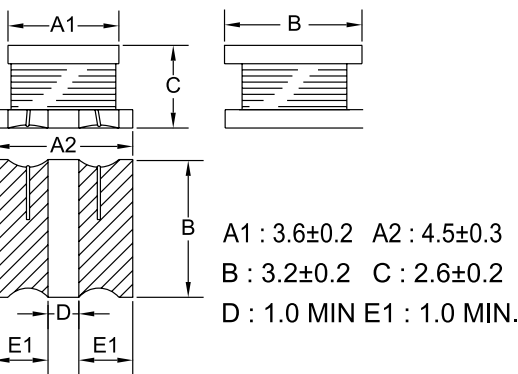
HSQH 453226 SERIES

SPECIALIZE IN HIGH CURRENT & HIGH
INDUCTANCE FOR SMD INDUCTORS

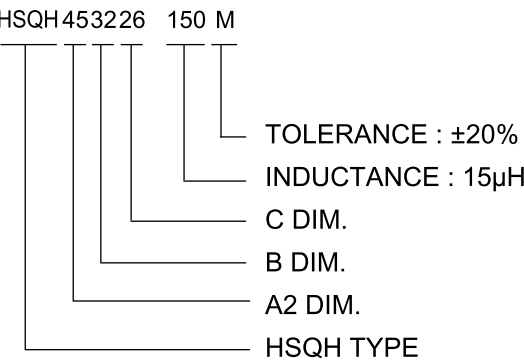
ELECTRICAL SPECIFICATION

ITEM	L	L Test	DCR	SRF	IDC	Q	Q Test
HSQH453226 (μH)		Freq.	MAX.	MIN.	MAX.	(MIN)	Freq.
		(MHz)	(Ω)	(MHz)	(mA)		(MHz)
1R0M	1.0±20%	1	0.20	120	500	20	1
1R2M	1.2±20%	1	0.20	100	500	20	1
1R5M	1.5±20%	1	0.30	85	500	20	1
1R8M	1.8±20%	1	0.30	75	500	20	1
2R2M	2.2±20%	1	0.30	62	500	20	1
2R7M	2.7±20%	1	0.32	53	500	20	1
3R3M	3.3±20%	1	0.35	47	500	20	1
3R9M	3.9±20%	1	0.38	41	500	20	1
4R7K	4.7±10%	1	0.40	38	500	30	1
5R6K	5.6±10%	1	0.47	33	500	30	1
6R8K	6.8±10%	1	0.50	31	450	30	1
8R2K	8.2±10%	1	0.56	27	450	30	1
100K	10±10%	1	0.56	23	400	35	1
120K	12±10%	1	0.62	21	380	35	1
150K	15±10%	1	0.73	19	360	35	1
180K	18±10%	1	0.82	17	340	35	1
220K	22±10%	1	0.94	15	320	35	1
330K	33±10%	1	1.2	12	270	35	1
390K	39±10%	1	1.4	11	240	35	1
470K	47±10%	1	1.5	10	220	35	1
560K	56±10%	1	1.7	9.3	200	35	1
680K	68±10%	1	1.9	8.4	180	35	1
820K	82±10%	1	2.2	7.5	170	35	1
101K	100±10%	1	2.5	6.8	160	40	796KHz
121K	120±10%	1	3.0	6.2	150	40	796KHz
151K	150±10%	1	3.7	5.5	130	40	796KHz
181K	180±10%	1	4.5	5.0	120	40	796KHz
221K	220±10%	1	5.4	4.5	110	40	796KHz
271K	270±10%	1	6.8	4.0	100	40	796KHz
331K	330±10%	1	8.2	3.6	95	40	796KHz
391K	390±10%	1	9.7	3.3	90	40	796KHz
471K	470±10%	1KHz	11.8	3.0	80	40	796KHz
561K	560±10%	1KHz	14.5	2.7	70	40	796KHz
681K	680±10%	1KHz	17.0	2.5	65	40	796KHz
821K	820±10%	1KHz	20.5	2.2	60	40	796KHz
102K	1000±10%	1KHz	25.0	2.0	50	40	796KHz

CONSTRUCTION (m/m)

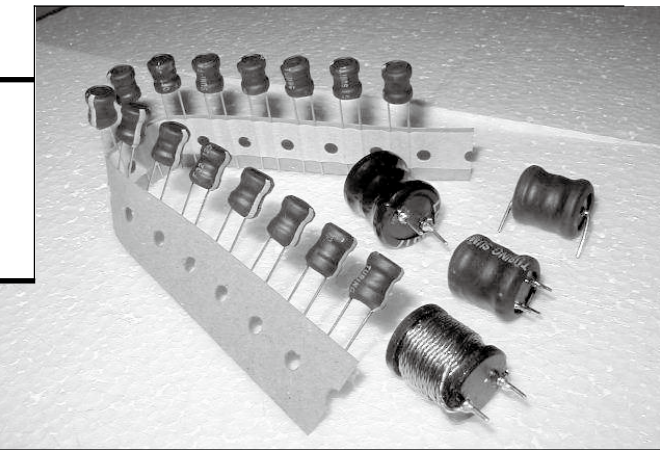


COIL CODE

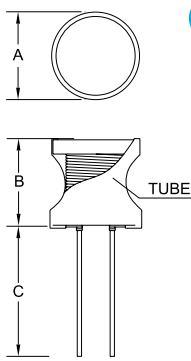


CHOKE COILS

PK TYPE



CONSTRUCTION (m/m)



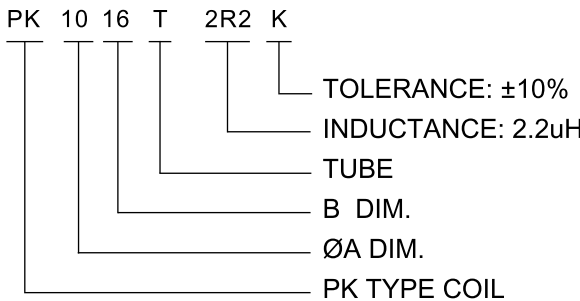
FOR INSTANCE

PK 0814T	□	□	□	□
PK 0916T	□	□	□	□
PK 1016T	□	□	□	□
PK 1413T	□	□	□	□
PK 1622T	□	□	□	□

CHARACTERISTICS

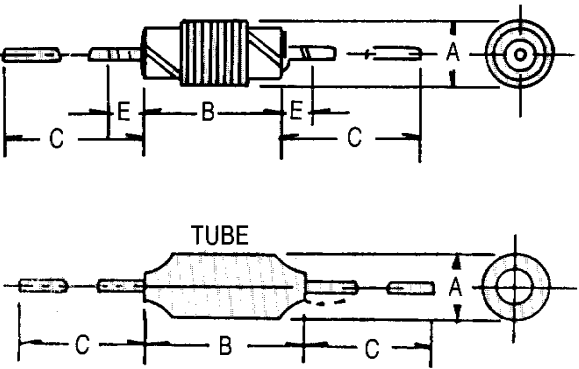
STYLERADIAL LEAD
TEMPERATURE20°C
AMBIENT TEMPERATURE80°C
TEMPERATURE RANGE-20°C TO +100°C
TERMINAL TENSILE STRENGTH2.5 KG MIN.
OUTSIDE DIM3Ø ~ 16Ø.

COIL CODE



PA TYPE

CONSTRUCTION (m/m)



FOR INSTANCE

PA 0814T	□	□	□	□
PA 0916T	□	□	□	□
PA 1016T	□	□	□	□
PA 1419T	□	□	□	□