

KC015 HLC 0603 0805 SERIES

WOUND CHIP INDUCTORS→HLC 0603CSCC SERIES								
HLC Series (High Frequency)				ELECTRICAL CHARACTERISTICS				
ORDERING CODE	Inductance (nH)	Tolerance (±%)	Q min.	L(Test) Frequency (MHz)	Q(Test) Frequency (MHz)	SRF (MHz) MIN.	DC Resistance (Ω)MAX.	Rated Current (mA)MAX.
HLC0603CSCC1N6JT	1.6	5%	24	250	250	12500	0.030	700
HLC0603CSCC1N8JT	1.8	5%	16	250	250	12500	0.045	700
HLC0603CSCC3N3JT	3.3	5%	18	250	250	6000	0.050	700
HLC0603CSCC3N6JT	3.6	5%	22	250	250	5900	0.063	700
HLC0603CSCC3N9JT	3.9	5%	22	250	250	6900	0.080	700
HLC0603CSCC4N3JT	4.3	5%	22	250	250	5900	0.063	700
HLC0603CSCC4N7JT	4.7	5%	20	250	250	5800	0.116	700
HLC0603CSCC6N8JT	6.8	5%	27	250	250	5800	0.110	700
HLC0603CSCC8N2JT	8.2	5%	28	250	250	4700	0.109	700
HLC0603CSCC10NJT	10.0	5%	31	250	250	4800	0.130	700
HLC0603CSCC12NJT	12.0	5%	35	250	250	4000	0.130	700
HLC0603CSCC15NJT	15.0	5%	35	250	250	4000	0.170	700
HLC0603CSCC18NJT	18.0	5%	35	250	250	3100	0.170	700
HLC0603CSCC22NJT	22.0	5%	38	250	250	3000	0.190	700
HLC0603CSCC27NJT	27.0	5%	40	250	250	2800	0.220	600
HLC0603CSCC33NJT	33.0	5%	40	250	250	2300	0.220	600
HLC0603CSCC36NJT	36.0	5%	38	250	250	2080	0.250	600
HLC0603CSCC39NJT	39.0	5%	40	250	250	2200	0.250	600
HLC0603CSCC43NJT	43.0	5%	39	250	250	2000	0.280	600
HLC0603CSCC47NJT	47.0	5%	38	200	200	2000	0.280	600
HLC0603CSCC56NJT	56.0	5%	38	200	200	1900	0.310	600
HLC0603CSCC68NJT	68.0	5%	37	200	200	1700	0.340	600
HLC0603CSCC82NJT	82.0	5%	34	150	150	1700	0.540	400
HLC0603CSCCR10JT	100.0	5%	34	150	150	1400	0.580	400
HLC0603CSCCR11JT	110.0	5%	32	150	150	1350	0.610	300
HLC0603CSCCR12JT	120.0	5%	32	150	150	1300	0.650	300
HLC0603CSCCR15JT	150.0	5%	28	150	150	990	0.920	280
HLC0603CSCCR18KT	180.0	10%	25	100	100	990	1.300	240
HLC0603CSCCR22JT	220.0	5%	25	100	100	900	2.100	200
HLC0603CSCCR27JT	270.0	5%	24	100	100	900	2.300	170
HLC0603CSCCR33JT	330.0	5%	25	100	100	900	3.890	100
HLC0603CSCCR39JT	390.0	5%	25	100	100	600	4.350	100

□ : Inductance Tolerance(J:±5%, K:±10%, S:±0.3nH)

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HLC0805CSCC2N2KT	2.2	10%	15	250	1500	6000	0.08	600
HLC0805CSCC3N3JT	3.3	5%	50	250	1500	6000	0.08	600
HLC0805CSCC6N8JT	6.8	5%	50	250	1000	5500	0.11	600
HLC0805CSCC8N2KT	8.2	10%	50	250	1000	4700	0.12	600
HLC0805CSCC12NJT	12.0	5%	50	250	500	4000	0.15	600
HLC0805CSCC15NJT	15.0	5%	50	250	500	3400	0.17	600
HLC0805CSCC18NJT	18.0	5%	50	250	500	3300	0.20	600
HLC0805CSCC22NJT	22.0	5%	55	250	500	2600	0.22	500
HLC0805CSCC27NJT	27.0	5%	55	250	500	2500	0.25	500
HLC0805CSCC33NJT	33.0	5%	60	250	500	2050	0.27	500
HLC0805CSCC39NJT	39.0	5%	60	250	500	2000	0.29	500
HLC0805CSCC47NJT	47.0	5%	60	200	500	1650	0.31	500
HLC0805CSCC56NJT	56.0	5%	60	200	500	1550	0.34	500
HLC0805CSCC68NJT	68.0	5%	60	200	500	1450	0.38	500
HLC0805CSCC82NJT	82.0	5%	65	150	500	1300	0.42	400
HLC0805CSCCR10JT	100.0	5%	65	150	500	1200	0.46	400
HLC0805CSCCR12JT	120.0	5%	50	150	250	1100	0.51	400
HLC0805CSCCR15JT	150.0	5%	50	100	250	920	0.56	400
HLC0805CSCCR18JT	180.0	5%	50	100	250	870	0.64	400
HLC0805CSCCR22JT	220.0	5%	50	100	250	850	0.70	400
HLC0805CSCCR27JT	270.0	5%	40	100	100	650	1.00	350
HLC0805CSCCR33JT	330.0	5%	40	100	100	600	1.40	310
HLC0805CSCCR39JT	390.0	5%	40	100	100	560	1.50	290
HLC0805CSCCR47JT	470.0	5%	33	100	100	375	1.76	250
HLC0805CSCCR56JT	560.0	5%	23	50	50	340	3.50	230
HLC0805CSCCR68JT	680.0	5%	23	50	50	188	4.00	170
HLC0805CSCCR82JT	820.0	5%	23	25	50	215	4.50	180
HLC0805CSCC1R0JT	1000.0	5%	15	7.96	50	150	5.00	120

□ : Inductance Tolerance(J:±5%, K:±10%, S:±0.3nH)