

Chip Inductors Electrical Characteristics

PART NUMBER	INDUCTANCE uH	TOLERANCE ±%	Q MIN	L, Q TEST FREQUENCY (MHz)	SELF RESONANT FREQUENCY (MHz)	DC RESISTANCE (Ω MAX)	RATED CURRENT (mA) MAX
L160808□ 47N	0.047	20	10	50	260	0.30	50
L160808□ 68N	0.068	20	10	50	250	0.30	50
L160808□ 82N	0.082	20	10	50	245	0.30	50
L160808□ R10	0.10	20	15	25	240	0.50	50
L160808□ R12	0.12	20	15	25	205	0.50	50
L160808□ R15	0.15	20	15	25	180	0.60	50
L160808□ R18	0.18	20	15	25	165	0.60	50
L160808□ R22	0.22	10	15	25	150	0.80	50
L160808□ R27	0.27	10	15	25	136	0.80	50
L160808□ R33	0.33	10	15	25	125	0.85	35
L160808□ R39	0.39	10	15	25	110	1.00	35
L160808□ R47	0.47	10	15	25	105	1.35	35
L160808□ R56	0.56	10	15	25	95	1.55	35
L160808□	0.68	10	15	25	90	1.70	35

R68							
L160808□ R82	0.82	10	15	25	85	2.10	35
L160808□ 1R0	1.0	10	35	10	75	0.60	25
L160808□ 1R2	1.2	10	35	10	65	0.80	25
L160808□ 1R5	1.5	10	35	10	60	0.80	25
L160808□ 1R8	1.8	10	35	10	55	0.95	25
L160808□ 2R2	2.2	10	35	10	50	1.15	15
L160808□ 2R7	2.7	10	35	10	45	1.35	15
L160808□ 3R3	3.3	10	35	10	40	1.55	15
L160808□ 3R9	3.9	10	35	10	35	1.70	15
L160808□ 4R7	4.7	10	35	10	33	2.10	15
L201209□ 47N	0.047	20	15	50.0	320	0.20	300
L201209□ 68N	0.068	20	15	50.0	280	0.20	300
L201209□ 82N	0.082	10	15	50.0	255	0.20	300
L201209□ R10	0.100	10	20	25.2	235	0.30	250
L201209□ R12	0.120	10	20	25.2	220	0.30	250
L201209□ R15	0.150	10	20	25.2	200	0.40	250

L201209□ R18	0.180	10	20	25.2	185	0.40	250
L201209□ R22	0.220	10	20	25.2	170	0.50	250
L201209□ R27	0.270	10	20	25.2	150	0.50	250
L201209□ R33	0.330	10	20	25.2	145	0.55	250
L201209□ R39	0.390	10	25	25.2	135	0.65	200
L201209□ R47	0.470	10	25	25.2	125	0.65	200
L201209□ R56	0.560	10	25	25.2	115	0.75	150
L201209□ R68	0.680	10	25	25.2	102	0.80	150
L201209□ R82	0.820	10	25	25.2	100	1.00	150
L201209□ 1R0	1.000	10	45	10.0	75	0.40	50
L201209□ 1R2	1.200	10	45	10.0	65	0.50	50
L201209□ 1R5	1.500	10	45	10.0	60	0.50	50
L201209□ 1R8	1.800	10	45	10.0	55	0.60	50
L201209□ 2R2	2.200	10	45	10.0	50	0.65	30
L201209□ 2R7	2.700	10	45	10.0	45	0.75	30
L201209□ 3R3	3.300	10	45	10.0	41	0.80	30
L201209□	3.900	10	45	10.0	38	0.90	30

3R9							
L201209□ 4R7	4.700	10	45	10.0	35	1.00	30
L201209□ 5R6	5.600	10	50	4.0	32	0.90	15
L201209□ 6R8	6.800	10	50	4.0	29	1.00	15
L201209□ 8R2	8.200	10	50	4.0	26	1.10	15
L201209□100	10	10	50	2.0	24	1.15	15
L201209□120	12	10	50	2.0	22	1.25	15
L201209□150	15	10	30	1.0	19	0.80	5
L201209□180	18	10	30	1.0	18	0.90	5
L201209□220	22	10	30	1.0	16	1.10	5
L321611□ 47N	0.047	20	20	50.0	320	0.15	300
L321611□ 68N	0.068	20	20	50.0	280	0.25	300
L321611□ R10	0.100	10	20	25.2	235	0.25	250
L321611□ R12	0.120	10	20	25.2	220	0.30	250
L321611□ R15	0.150	10	20	25.2	200	0.40	250
L321611□ R18	0.180	10	20	25.2	185	0.40	250
L321611□ R22	0.220	10	20	25.2	170	0.50	250
L321611□ R27	0.270	10	20	25.2	150	0.50	250
L321611□ R33	0.330	10	20	25.2	145	0.60	250

L321611□ R39	0.390	10	25	25.2	135	0.50	200
L321611□ R47	0.470	10	25	25.2	125	0.60	200
L321611□ R56	0.560	10	25	25.2	115	0.70	150
L321611□ R68	0.680	10	25	25.2	105	0.80	150
L321611□ R82	0.820	10	25	25.2	100	0.90	150
L321611□ 1R0	1.000	10	45	10.0	75	0.40	100
L321611□ 1R2	1.200	10	45	10.0	65	0.50	100
L321611□ 1R5	1.500	10	45	10.0	60	0.50	50
L321611□ 1R8	1.800	10	45	10.0	55	0.50	50
L321611□ 2R2	2.200	10	45	10.0	50	0.50	50
L321611□ 2R7	2.700	10	45	10.0	45	0.60	50
L321611□ 3R3	3.300	10	45	10.0	41	0.70	50
L321611□ 3R9	3.900	10	45	10.0	38	0.80	50
L321611□ 4R7	4.700	10	45	10.0	35	0.90	50
L321611□ 5R6	5.600	10	50	4.0	32	0.70	25
L321611□ 6R8	6.800	10	50	4.0	29	0.80	25
L321611□	8.200	10	50	4.0	26	0.90	25

8R2							
L321611□100	10	10	50	2.0	24	1.00	25
L321611□120	12	10	50	2.0	22	1.05	15
L321611□150	15	10	30	1.0	19	0.70	5
L321611□180	18	10	30	1.0	18	0.70	5
L321611□220	22	10	30	1.0	16	0.90	5