

SURFACE MOUNT WIREWOUND CHIP INDUCTOR

Dimensions in inches (mm)

Basic Part No.	Inductance	Tolerance Available	"Q" Min.	Test Frequency (MHz)		DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)	
				Inductance	Q				
555-0805	-47-N	47.0nH	G,J,K,M	60	200	500	0.310	500	1650
	-56-N	56.0nH	G,J,K,M	60	200	500	0.340	500	1550
	-68-N	68.0nH	G,J,K,M	60	200	500	0.380	500	1450
	-82-N	82.0nH	G,J,K,M	65	150	500	0.420	400	1300
	-R-10	100nH	G,J,K,M	65	150	500	0.460	400	1200
	-R-12	120nH	G,J,K,M	50	150	250	0.510	400	1100
	-R-15	150nH	G,J,K,M	50	100	250	0.560	400	920
	-R-18	180nH	G,J,K,M	50	100	250	0.640	400	870
	-R-22	220nH	G,J,K,M	40	100	250	0.700	400	850
	-R-27	270nH	G,J,K,M	40	100	250	1.10	280	800
	-R-33	330nH	G,J,K,M	40	100	250	1.20	260	750
	-R-39	390nH	G,J,K,M	40	100	250	1.50	200	700
	-R-47	470nH	G,J,K,M	40	100	100	2.50	170	650
	-R-56	560nH	G,J,K,M	30	50	50	3.50	170	600
	-R-68	680nH	G,J,K,M	30	50	50	4.00	170	550
	-R-82	820nH	G,J,K,M	25	50	50	4.40	170	450
-1-R0	1.00μH	G,J,K,M	25	50	50	4.70	150	350	
555-1008	-10-N	10.0nH	G,J,K	50	50	500	0.080	1000	4100
	-12-N	12.0nH	G,J,K	50	50	500	0.090	1000	3300
	-15-N	15.0nH	G,J,K	50	50	500	0.110	1000	2500
	-18-N	18.0nH	G,J,K	50	50	350	0.110	1000	2500
	-22-N	22.0nH	G,J,K	55	50	350	0.120	1000	2400
	-27-N	27.0nH	G,J,K	55	50	350	0.130	1000	1600
	-33-N	33.0nH	G,J,K	60	50	350	0.140	1000	1600
	-39-N	39.0nH	G,J,K	60	50	350	0.150	1000	1500
	-47-N	47.0nH	G,J,K	65	50	350	0.160	1000	1500
	-56-N	56.0nH	G,J,K	65	50	350	0.180	1000	1300
	-68-N	68.0nH	G,J,K	65	50	350	0.200	1000	1300
	-82-N	82.0nH	G,J,K	60	50	350	0.220	1000	1000
	-R-10	100nH	G,J,K	60	25	350	0.560	650	1000
	-R-12	120nH	G,J,K	60	25	350	0.630	650	950
	-R-15	150nH	G,J,K	45	25	100	0.700	580	850
	-R-18	180nH	G,J,K	45	25	100	0.770	520	700
	-R-22	220nH	G,J,K	45	25	100	0.840	500	700
	-R-27	270nH	G,J,K	45	25	100	0.910	500	600
	-R-33	330nH	G,J,K	45	25	100	1.05	450	570
	-R-39	390nH	G,J,K	45	25	100	1.12	470	500
	-R-47	470nH	G,J,K	45	25	100	1.19	470	450
	-R-56	560nH	G,J,K	45	25	100	1.33	400	415
	-R-62	620nH	G,J,K	45	25	100	1.40	300	375
	-R-68	680nH	G,J,K	45	25	100	1.47	400	375
	-R-75	750nH	G,J,K	45	25	100	1.54	360	360
	-R-82	820nH	G,J,K	45	25	100	1.61	400	350
	-R-91	910nH	G,J,K	35	25	50	1.68	380	320
	-1R-0	1.00μH	G,J,K	35	25	50	1.75	370	290
	-1R-2	1.20μH	G,J,K	35	7.9	50	2.00	310	250
	-1R-5	1.50μH	G,J,K	28	7.9	50	2.30	330	200
	-1R-8	1.80μH	G,J,K	25	7.9	50	2.60	300	150
	-2R-2	2.20μH	G,J,K	25	7.9	50	2.80	280	130
	-2R-7	2.70μH	G,J,K	22	7.9	25	3.20	290	100
	-3R-3	3.30μH	G,J,K	22	7.9	25	3.40	290	80
-3R-9	3.90μH	G,J,K	20	7.9	25	3.60	260	60	
-4R-7	4.70μH	G,J,K	15	7.9	25	4.00	260	60	
-5R-6	5.60μH	G,J,K	20	7.9	7.9	7.00	200	55	
-6R-8	6.80μH	G,J,K	20	7.9	7.9	8.00	180	45	
-8R-2	8.20μH	G,J,K	20	7.9	7.9	9.50	150	35	
-10-0	10.0μH	G,J,K	20	7.9	7.9	12.0	100	25	

Series	A Max.	B Max.	C Max.	D Ref	E	F	G	H	J	K
555-0402	.050 (1.27)	.030 (0.76)	.024 (0.61)	.006 (0.15)	.020 (0.50)	.009 (0.23)	.022 (0.56)	.026 (0.66)	.020 (0.50)	.018 (0.46)
555-0603	.071 (1.80)	.047 (1.20)	.049 (1.25)	.020 (0.50)	.039 (1.00)	.013 (0.33)	.034 (0.860)	.040 (1.02)	.025 (0.64)	.025 (0.64)
555-0805	.090 (2.29)	.068 (1.73)	.060 (1.52)	.020 (0.50)	.047 (1.20)	.020 (0.50)	.040 (1.02)	.070 (1.78)	.040 (1.02)	.030 (0.76)
555-1008	.115 (2.92)	.110 (2.79)	.088 (2.23)	.020 (0.50)	.080 (2.03)	.020 (0.50)	.060 (1.52)	.100 (2.54)	.040 (1.02)	.050 (1.27)