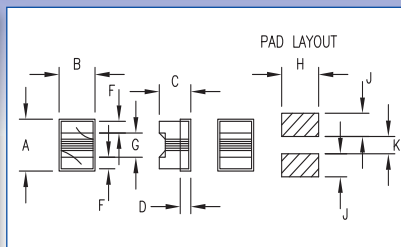
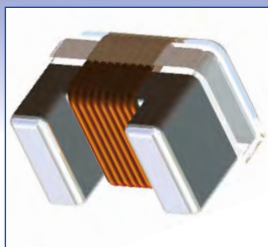


# SURFACE MOUNT WIREWOUND CHIP INDUCTOR

Dimensions in inches (mm)



Packaging	
555-0402	4,000 pcs per 178mm reel
555-0603/0805	3,000 pcs per 178mm reel
555-1008	2,000 pcs per 178mm reel

Inductance Tolerance Coded Dash Numbers	
B	±0.15nH
S	±0.30nH
G	±2%
J	±5%
K	±10%
M	±20%

How to order code

**555 - XXXX - XX - XX - 36**

Basic Part No.      Inductance Tolerance      Inductance Code

Basic Part No.	Inductance	Tolerance Available	"Q" Min.	Test Frequency (MHz)		DCR Max. (Ω)	DC Max. (mA)	SRF Min. (MHz)	
				Inductance	Q				
555-0402	-1N-0	1.00nH	<b>K</b>	69	250	1700	0.045	1360	12700
	-2N-0	2.00nH	<b>J,K</b>	75	250	1700	0.700	1040	11100
	-2N-2	2.20nH	<b>J,K</b>	100	250	1700	0.070	960	10800
	-2N-7	2.70nH	<b>G,J,K</b>	61	250	1700	0.120	640	10400
	-3N-3	3.30nH	<b>G,J,K</b>	87	250	1700	0.066	840	7000
	-3N-9	3.90nH	<b>G,J,K</b>	75	250	1700	0.066	840	5800
	-4N-7	4.70nH	<b>G,J,K</b>	68	250	1700	0.130	640	4700
	-5N-6	5.60nH	<b>G,J,K</b>	81	250	1700	0.083	760	4800
	-6N-8	6.80nH	<b>G,J,K</b>	78	250	1700	0.083	680	4800
	-8N-2	8.20nH	<b>G,J,K</b>	84	250	1700	0.104	680	4400
	-10-N	10.00nH	<b>G,J,K</b>	67	250	1700	0.195	480	3900
	-12-N	12.00nH	<b>G,J,K</b>	71	250	1700	0.120	640	3600
	-15-N	15.00nH	<b>G,J,K</b>	77	250	1700	0.172	560	3280
	-18-N	18.00nH	<b>G,J,K</b>	62	250	1700	0.230	420	3100
	-22-N	22.00nH	<b>G,J,K</b>	53	250	1700	0.300	400	2800
	-27-N	27.00nH	<b>G,J,K</b>	63	250	1700	0.300	400	2480
	-33-N	33.00nH	<b>G,J,K</b>	32	250	1700	0.350	400	2350
	-47-N	47.00nH	<b>G,J,K</b>	37	250	1700	0.830	150	2100
-56-N	56.00nH	<b>G,J,K</b>	40	250	1700	0.970	100	1760	
-68-N	68.00nH	<b>G,J,K</b>	38	250	1700	1.120	100	1620	
555-0603	-2N-0	2.00nH	<b>B,S</b>	16	250	250	0.080	700	6900
	-3N-9	3.90nH	<b>B,S</b>	22	250	250	0.080	700	6900
	-4N-7	4.70nH	<b>B,S</b>	20	250	250	0.110	700	5800
	-6N-8	6.80nH	<b>B,J,K</b>	30	250	250	0.110	700	5800
	-8N-2	8.20nH	<b>B,J,K</b>	30	250	250	0.110	700	4600
	-10-N	10.0nH	<b>G,J,K</b>	30	250	250	0.130	700	4800
	-12-N	12.0nH	<b>G,J,K</b>	35	250	250	0.130	700	4000
	-15-N	15.0nH	<b>G,J,K</b>	35	250	250	0.170	700	4000
	-18-N	18.0nH	<b>G,J,K</b>	38	250	250	0.170	700	3100
	-22-N	22.0nH	<b>G,J,K</b>	38	250	250	0.220	700	3000
	-27-N	27.0nH	<b>G,J,K</b>	40	250	250	0.220	600	2800
	-33-N	33.0nH	<b>G,J,K</b>	43	250	250	0.220	600	2300
	-39-N	39.0nH	<b>G,J,K</b>	43	250	250	0.250	600	2200
	-4-7N	47.0nH	<b>G,J,K</b>	40	200	200	0.280	600	2000
	-56-N	56.0nH	<b>G,J,K</b>	40	200	200	0.310	600	1900
	-68-N	68.0nH	<b>G,J,K</b>	40	200	200	0.340	600	1700
	-72-N	72.0nH	<b>G,J,K</b>	35	150	150	0.490	400	1700
	-82-N	82.0nH	<b>G,J,K</b>	35	150	150	0.540	400	1700
	-R-10	100nH	<b>G,J,K</b>	35	150	150	0.630	400	1400
	-R-12	120nH	<b>G,J,K</b>	35	150	150	0.650	300	1300
-R-15	150nH	<b>G,J,K</b>	35	150	150	0.920	280	1000	
-R-18	180nH	<b>G,J,K</b>	30	100	100	1.25	240	1000	
-R-22	220nH	<b>G,J,K</b>	30	100	100	1.70	200	1000	
-R-27	270nH	<b>G,J,K</b>	30	100	100	1.80	170	1000	
555-0805	-2N-2	2.20nH	<b>G,J,K,M</b>	50	250	1500	0.080	600	6000
	-3N-3	3.30nH	<b>G,J,K,M</b>	50	250	1500	0.080	600	6000
	-6N-8	6.80nH	<b>G,J,K,M</b>	50	250	1000	0.110	600	5500
	-8N-2	8.20nH	<b>G,J,K,M</b>	50	250	1000	0.120	600	4700
	-12-N	12.0nH	<b>G,J,K,M</b>	50	250	500	0.150	600	4000
	-15-N	15.0nH	<b>G,J,K,M</b>	50	250	500	0.170	600	3400
	-18-N	18.0nH	<b>G,J,K,M</b>	50	250	500	0.200	600	3300
	-22-N	22.0nH	<b>G,J,K,M</b>	55	250	500	0.220	500	2600
	-27-N	27.0nH	<b>G,J,K,M</b>	55	250	500	0.250	500	2500
	-33-N	33.0nH	<b>G,J,K,M</b>	60	250	500	0.270	500	2050
-39-N	39.0nH	<b>G,J,K,M</b>	60	250	500	0.290	500	2000	

Temperature Range: **-40°C to +125°C**

Preferred tolerance in bold

Devices are RoHS compliant. Inductance drops typically 10% at DC Max.. with a temperature rise of <15°C

Former : Ceramic

Terminals : Super-adhesion molybdenum/manganese with gold over plating