



## WIRE-WOUND CHIP INDUCTOR – CERAMIC/OPEN TYPE

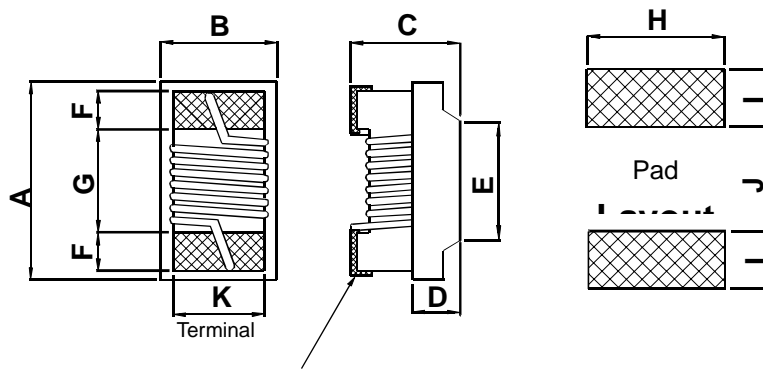
0603CS (1608) Series (1.6 nH~390 nH)

Part Number	Inductance nH	Percent Tolerance	Q Min	SRF Min MHz	RDC Max Ohms	IDC Max mA	900MHz		1.7GHz		Color Code
							L Typ	Q Typ	L Typ	Q Typ	
0603CS-1N6E_TS	1.6 @ 250MHz	10,5	24	12500	0.030	700	1.53	35	1.58	55	Blue
0603CS-1N8E_TS	1.8 @ 250MHz	10,5	16	12500	0.045	700	1.63	35	1.66	50	Black
0603CS-2N2E_TS	2.2 @ 250MHz	10,5	15	6000	0.10	700	2.18	41	2.20	64	White
0603CS-2N3E_TS	2.3 @ 250MHz	10,5	16	>4000	0.14	700	2.32	32	2.35	40	Yellow
0603CS-3N3E_TS	3.3 @ 250MHz	10,5,2	22	>6000	0.080	700	3.35	47	3.40	65	Red
0603CS-3N6E_TS	3.6 @ 250MHz	10,5,2	22	5800	0.063	700	3.53	49	3.58	65	Violet
0603CS-3N9E_TS	3.9 @ 250MHz	10,5,2	22	>6000	0.080	700	3.95	49	3.96	67	Brown
0603CS-4N3E_TS	4.3 @ 250MHz	10,5,2	22	5800	0.063	700	4.32	49	4.43	67	Orange
0603CS-4N5E_TS	4.5 @ 250MHz	10,5,2	20	5800	0.120	700	4.74	55	4.87	92	Gray
0603CS-4N7E_TS	4.7 @ 250MHz	10,5,2	25	5800	0.120	700	4.65	53	4.80	67	Violet
0603CS-5N1E_TS	5.1 @ 250MHz	10,5,2	20	5800	0.160	700	5.13	47	5.36	56	Green
0603CS-5N6E_TS	5.6 @ 250MHz	10,5,2	20	5800	0.170	700	5.53	56	5.86	77	Yellow
0603CS-6N2E_TS	6.2 @ 250MHz	10,5,2	25	5800	0.110	700	6.28	60	6.40	85	Black
0603CS-6N3E_TS	6.3 @ 250MHz	10,5,2	25	5800	0.110	700	6.67	41	6.86	61	Black
0603CS-6N8E_TS	6.8 @ 250MHz	10,5,2	27	5800	0.110	700	6.75	60	7.10	81	Red
0603CS-7N5E_TS	7.5 @ 250MHz	10,5,2	28	4800	0.106	700	7.70	60	7.82	65	Brown
0603CS-8N2E_TS	8.2 @ 250MHz	10,5,2	27	4800	0.110	700	8.25	64	8.40	81	Green
0603CS-8N7E_TS	8.7 @ 250MHz	10,5,2	28	4600	0.109	700	8.86	62	9.32	58	Yellow
0603CS-9N1E_TS	9.1 @ 250MHz	10,5,2	35	4800	0.13	700	9.20	70	9.70	80	Black
0603CS-9N5E_TS	9.5 @ 250MHz	10,5,2	28	5400	0.135	700	9.70	59	9.92	61	Blue
0603CS-100E_TS	10.0 @ 250MHz	10,5,2	31	4800	0.130	700	10.0	66	10.6	83	Orange
0603CS-110E_TS	11.0 @ 250MHz	10,5,2	31	4000	0.086	700	11.3	53	12.1	56	Gray
0603CS-120E_TS	12.0 @ 250MHz	10,5,2	35	4000	0.130	700	12.3	72	13.5	83	Yellow
0603CS-150E_TS	15.0 @ 250MHz	10,5,2	35	4000	0.170	700	15.4	64	16.8	89	Green
0603CS-160E_TS	16.0 @ 250MHz	10,5,2	35	3300	0.110	700	16.5	55	18.0	52	White
0603CS-170E_TS	17.0 @ 250MHz	10,5,2	35	3200	0.170	700	17.6	56	19.4	44	Red
0603CS-180E_TS	18.0 @ 250MHz	10,5,2	35	3100	0.170	700	18.7	70	21.4	69	Blue
0603CS-200E_TS	20.0 @ 250MHz	10,5,2	40	3000	0.190	700	20.7	80	23.5	30	Green
0603CS-220E_TS	22.0 @ 250MHz	10,5,2	38	3000	0.190	700	22.8	73	26.1	71	Violet
0603CS-230E_TS	23.0 @ 250MHz	10,5,2	38	2850	0.190	700	24.1	71	28.0	71	Orange
0603CS-240E_TS	24.0 @ 250MHz	10,5,2	38	2800	0.130	700	25.7	45	30.9	40	Black
0603CS-270E_TS	27.0 @ 250MHz	10,5,2	40	2800	0.220	600	29.2	74	34.6	65	Gray
0603CS-300E_TS	30.0 @ 250MHz	10,5,2	40	2800	0.150	600	31.4	47	39.8	28	Brown
0603CS-330E_TS	33.0 @ 250MHz	10,5,2	40	2300	0.220	600	36.0	67	49.5	42	White
0603CS-360E_TS	36.0 @ 250MHz	10,5,2	40	2300	0.250	600	39.1	47	48.9	24	Red
0603CS-390E_TS	39.0 @ 250MHz	10,5,2	40	2200	0.250	600	42.7	60	60.2	40	Black
0603CS-430E_TS	43.0 @ 200MHz	10,5,2	38	2000	0.280	600	46.9	44	60.3	21	Orange
0603CS-470E_TS	47.0 @ 200MHz	10,5,2	38	2000	0.280	600	52.2	62	77.2	35	Brown
0603CS-510E_TS	51.0 @ 200MHz	10,5,2	38	1900	0.280	600	55.5	69	82.2	34	Blue
0603CS-560E_TS	56.0 @ 200MHz	10,5,2	38	1900	0.310	600	62.5	56	97.0	26	Red
0603CS-620E_TS	62.0 @ 200MHz	10,5,2	37	1800	0.340	600	68.0	40	110.0	10	Gray
0603CS-680E_TS	68.0 @ 200MHz	10,5,2	37	1700	0.340	600	80.5	54	168.0	21	Orange
0603CS-720E_TS	72.0 @ 150MHz	10,5,2	34	1700	0.490	400	82.0	53	135.0	20	Yellow
0603CS-820E_TS	82.0 @ 150MHz	10,5,2	34	1700	0.540	400	96.2	54	177.0	21	Green
0603CS-910E_TS	91.0 @ 150MHz	10,5,2	30	1700	0.50	400	110.0	50	416.4	6	Brown
0603CS-101E_TS	100 @ 150MHz	10,5,2	34	1400	0.580	400	124	49	319.5	13	Blue
0603CS-111E_TS	110 @ 150MHz	10,5,2	32	1350	0.610	300	138	43	342.7	15	Violet
0603CS-121E_TS	120 @ 150MHz	10,5,2	32	1300	0.650	300	166	39	529.3	8	Gray
0603CS-131E_TS	130 @ 150MHz	10,5,2	30	1400	0.720	300	185	60	-	-	White
0603CS-141E_TS	140 @ 100MHz	10,5,2	28	1300	0.870	280	190	80	-	-	Blue
0603CS-151E_TS	150 @ 100MHz	10,5,2	32	1300	0.950	280	230	25	-	-	White
0603CS-161E_TS	160 @ 100MHz	10,5,2	25	1300	1.40	280	215	20	-	-	Yellow
0603CS-181E_TS	180 @ 100MHz	10,5,2	25	1250	1.40	250	305	22	-	-	Black
0603CS-221E_TS	220 @ 100MHz	10,5,2	25	1200	1.60	250	377	21	-	-	Brown
0603CS-261E_TS	260 @ 100MHz	10,5,2	25	1000	2.000	200	469	21	-	-	Violet

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							L Typ	Q Typ	L Typ	Q Typ	
0603CS-271E_TS	270 @ 100MHz	10,5,2	25	900	2.100	200	523	19	-	-	Red
0603CS-281E_TS	280 @ 100MHz	10,5,2	25	1000	2.40	100	524	18	-	-	Green
0603CS-301E_TS	300 @ 100MHz	10,5,2	25	750	2.50	150	539.7	21	-	-	Orange
0603CS-331E_TS	330 @ 100MHz	10,5,2	25	900	3.80	100	680.4	20	-	-	Blue
0603CS-391E_TS	390 @ 100MHz	10,5,2	25	900	4.35	100	734.5	29	-	-	Yellow
0603CS-471E_TS	470 @ 100MHz	10,5,2	23	600	3.60	80	-	-	-	-	White

Working Temperature Range : - 40 °C ~ 125 °C

**Shane &**



Terminal wraparound:  
Approx. 0.0098/0.20 both ends

	A		B		C		D Ref.	E Ref.	F	G	H	I	J	K
	Max.	Ref.	Max.	Ref.	Max.	Ref.								
Inch	0.071	0.065	0.044	0.041	0.040	0.035	0.015	0.039	0.013	0.034	0.040	0.025	0.025	0.030
Mm	1.80	1.65	1.12	1.03	1.02	0.90	0.38	1.00	0.33	0.86	1.02	0.64	0.64	0.76

Parts/Reel: 7" 4,000 PCS  
Tape Width: 8mm

# L vs F & Q vs F Curve

