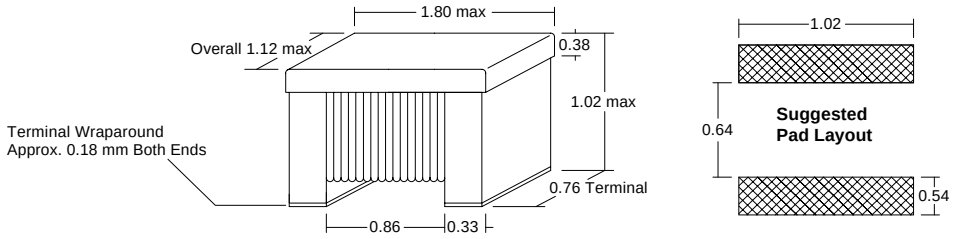
Wound Chip Inductor **(LSW-0603 Series)**

CALIBER ELECTRONICS INC.
specifications subject to change * revision 3-2003

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

LSW - 0603 - 1N6 K - T

Dimensions (Length, Width)

Inductance Code

Packaging Style
B=Bulk
T=Tape & Reel (4000 pcs / reel)

Tolerance
F=1%, G=2%, J=5%, K=10%, M=20%

Features

Inductance Range	1.6 nH to 270 nH
Tolerance	1%, 2%, 5%, 10%, 20%
Construction	Ceramic body with wire wound construction

Electrical Specifications

L Code	L (nH)	Test Freq (MHz	Q Min	SRF Min (MHz)	RDC Max (Ohms)	IDC Max (mA)	900 MHz		1.7 GHz	
							L Typ	Q Typ	L Typ	Q Typ
1N6	1.6	250	24	12500	0.030	700	1.67	49	1.65	63
1N8	1.8	250	16	12500	0.045	700	1.63	35	1.66	50
3N6	3.6	250	22	5900	0.063	700	3.72	53	3.71	65
3N9	3.9	250	22	6900	0.080	700	3.95	49	3.96	67
4N3	4.3	250	22	5900	0.063	700	4.32	50	4.33	70
4N7	4.7	250	20	5800	0.116	700	4.72	47	4.75	57
5N1	5.1	250	20	5700	0.140	700	4.93	47	4.95	56
6N3	6.3	250	20	5700	0.140	700	5.50	47	6.10	60
6N8	6.8	250	27	5800	0.110	700	6.75	60	7.10	81
7N5	7.5	250	28	4800	0.106	700	7.70	60	7.82	65
8N2	8.2	250	28	4700	0.109	700	8.30	60	8.50	60
8N7	8.7	250	28	4600	0.109	700	8.86	62	9.32	58
9N5	9.5	250	28	5400	0.135	700	9.70	59	9.92	61
10N	10	250	31	4800	0.130	700	10.0	66	10.6	83
11N	11	250	33	4000	0.086	700	11.0	53	11.5	56
12N	12	250	35	4000	0.130	700	12.3	72	13.5	83
15N	15	250	35	4000	0.170	700	15.4	64	16.8	89
16N	16	250	34	3300	0.104	700	16.2	55	17.3	52
18N	18	250	35	3100	0.170	700	18.7	70	21.4	69
22N	22	250	38	3000	0.190	700	22.8	73	26.1	71
24N	24	250	37	2650	0.135	700	24.5	45	28.7	39
27N	27	250	40	2800	0.220	600	29.2	74	34.6	65
30N	30	250	37	2250	0.144	600	31.4	47	39.9	28
33N	33	250	40	2300	0.220	600	36.0	67	49.5	42
36N	36	250	38	2080	0.250	600	39.4	47	52.7	24
39N	39	250	40	2200	0.250	600	42.7	60	60.2	40
43N	43	250	39	2000	0.280	600	47.0	44	64.9	21
47N	47	200	38	2000	0.280	600	52.2	62	77.2	35
56N	56	200	38	1900	0.310	600	62.5	56	97.0	26
68N	68	200	37	1700	0.340	600	80.5	54	168	21
72N	72	150	34	1700	0.490	400	82.0	53	135	20
82N	82	150	34	1700	0.540	400	96.2	54	177	21
R10	100	150	34	1400	0.580	400	124	49		
R11	110	150	32	1350	0.610	300	138	43		
R12	120	150	32	1300	0.650	300	166	39		
R15	150	150	28	990	0.920	280	250	25		
R18	180	100	25	990	1.250	240	305	22		
R22	220	100	25	900	1.900	200	480	8		
R27	270	100	24	900	2.300	170	980	4		

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