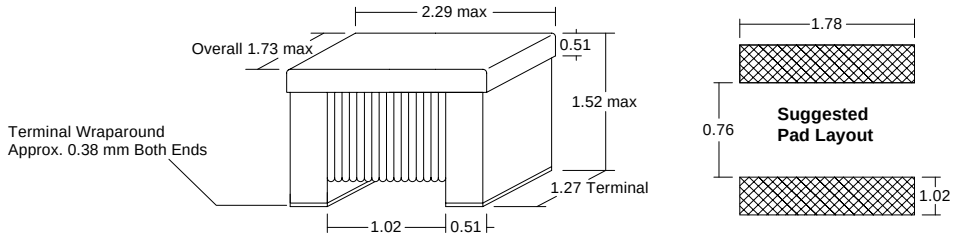
Wound Chip Inductor **(LSW-0805 Series)**

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

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

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LSW - 0805 - 3N3 M - T

Dimensions (Length, Width)

Inductance Code

Packaging Style
B=Bulk
T=Tape & Reel (2500 pcs / reel)

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

Features

Inductance Range	2.8 nH to 820 nH
Tolerance	1%, 2%, 5%, 10%, 20%
Construction	Ceramic body with wire wound construction

Electrical Specifications

L Code	L (nH)	L Test Freq (MHz)	Q Min	Q Test Freq (MHz)	SRF Min (MHz)	RDC Max (Ohms)	IDC Max (mA)
2N8	2.8	250	70	1500	7900	0.06	800
3N0	3.0	250	65	1500	7900	0.06	800
3N3	3.3	250	50	1500	7900	0.08	600
5N6	5.6	250	65	1000	5500	0.08	600
6N8	6.8	250	50	1000	5500	0.11	600
7N5	7.5	250	50	1000	4500	0.14	600
8N2	8.2	250	50	1000	4700	0.12	600
10N	10	250	60	500	4200	0.10	600
12N	12	250	50	500	4000	0.15	600
15N	15	250	50	500	3400	0.17	600
18N	18	250	50	500	3300	0.20	600
22N	22	250	55	500	2600	0.22	500
24N	24	250	50	500	2000	0.22	500
27N	27	250	55	500	2500	0.25	500
33N	33	250	60	500	2050	0.27	500
36N	36	250	55	500	1700	0.27	500
39N	39	250	60	500	2000	0.29	500
43N	43	200	60	500	1650	0.34	500
47N	47	200	60	500	1650	0.31	500
56N	56	200	60	500	1550	0.34	500
68N	68	200	60	500	1450	0.38	500
82N	82	150	65	500	1300	0.42	400
91N	91	150	65	500	1200	0.48	400
R10	100	150	65	500	1200	0.46	400
R11	110	150	50	250	1000	0.48	400
R12	120	150	50	250	1100	0.51	400
R15	150	100	50	250	920	0.56	400
R18	180	100	50	250	870	0.64	400
R22	220	100	50	250	850	0.70	400
R24	240	100	44	250	690	1.00	350
R27	270	100	48	250	650	1.00	350
R33	330	100	48	250	600	1.40	310
R39	390	100	48	250	560	1.50	290
R47	470	50	33	100	375	1.76	250
R56	560	25	23	50	340	1.90	230
R68	680	25	23	50	188	2.20	190
R82	820	25	23	50	215	2.35	180

Specifications subject to change without notice. Rev. 03/01

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