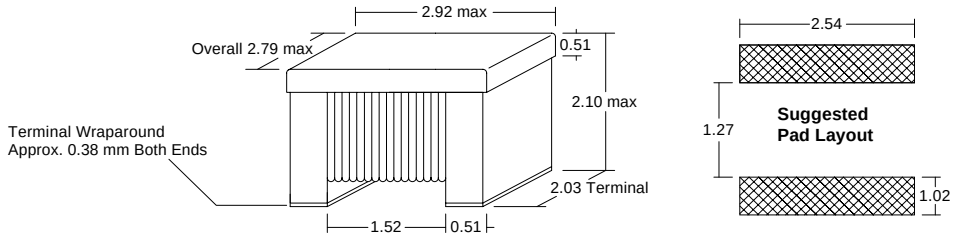
Wound Chip Inductor **(LSW-1008 Series)**

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

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

LSW - 1008 - 10N M - T

Dimensions (Length, Width)

Inductance Code

Packaging Style
B=Bulk
T=Tape & Reel (2000 pcs / reel)

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

Features

Inductance Range	4.7 nH to 4700 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)
4N7	4.7	50	50	500	4100	0.08	1000
10N	10	50	50	500	4100	0.08	1000
12N	12	50	50	500	3300	0.09	1000
15N	15	50	50	500	2500	0.10	1000
18N	18	50	50	350	2500	0.11	1000
22N	22	50	55	350	2400	0.12	1000
27N	27	50	55	350	1600	0.13	1000
33N	33	50	60	350	1600	0.14	1000
39N	39	50	60	350	1500	0.15	1000
47N	47	50	65	350	1500	0.16	1000
56N	56	50	65	350	1300	0.18	1000
68N	68	50	65	350	1300	0.20	1000
82N	82	50	60	350	1000	0.22	1000
R10	100	25	60	350	1000	0.56	650
R12	120	25	60	350	950	0.63	650
R15	150	25	45	100	850	0.70	580
R18	180	25	45	100	750	0.77	620
R22	220	25	45	100	700	0.84	500
R27	270	25	45	100	600	0.91	500
R33	330	25	45	100	570	1.05	450
R39	390	25	45	100	500	1.12	470
R47	470	25	45	100	450	1.19	470
R56	560	25	45	100	415	1.33	400
R62	620	25	45	100	375	1.40	300
R68	680	25	45	100	375	1.47	400
R75	750	25	45	100	360	1.54	360
R82	820	25	45	100	350	1.61	400
R91	910	25	35	50	320	1.68	380
1R0	1000	25	35	50	290	1.75	370
1R2	1200	7.9	35	50	250	2.00	310
1R5	1500	7.9	28	50	200	2.30	330
1R8	1800	7.9	28	50	160	2.60	300
2R2	2200	7.9	28	50	160	2.80	280
2R7	2700	7.9	22	50	140	3.20	290
3R3	3300	7.9	22	50	110	3.40	290
3R9	3900	7.9	20	50	100	3.60	260
4R7	4700	7.9	20	50	90	4.00	260

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

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