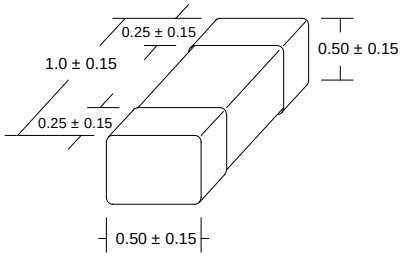
High Frequency Multilayer Chip Inductor **(LSMH-1005 Series)**

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

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

LSMH - 1005 - 1N0 S - T

Dimensions
(Length, Width)

Inductance Code

Packaging Style
B=Bulk
T=Tape & Reel

Tolerance
S=0.3nH, J=5%, K=10%, M=20%

Features

Inductance Range	1.0 nH to 47 nH
Tolerance	0.3 nH, 5%, 10%, 20%
Operating Temperature	-25°C to +85°C

Electrical Specifications

Inductance Code	Inductance (nH)	Available Tolerance	Q Min	LQ Test Freq (MHz)	SRF (MHz)	RDC (mA)	IDC (mA)
1N0	1.0	S	9	100	6000	0.10	400
1N2	1.2	S	9	100	6000	0.10	400
1N5	1.5	S	10	100	6000	0.10	400
1N8	1.8	S	10	100	6000	0.10	400
2N2	2.2	S	10	100	6000	0.12	400
2N7	2.7	S	11	100	6000	0.12	400
3N3	3.3	J, K, M	11	100	5200	0.15	400
3N9	3.9	J, K, M	11	100	5150	0.15	400
4N7	4.7	J, K, M	11	100	4800	0.18	400
5N6	5.6	J, K, M	11	100	4100	0.20	400
6N8	6.8	J, K, M	11	100	3800	0.25	400
8N2	8.2	J, K, M	12	100	3500	0.25	400
10N	10	J, K, M	12	100	3300	0.30	400
12N	12	J, K, M	12	100	2600	0.30	400
15N	15	J, K, M	12	100	2300	0.40	400
18N	18	J, K, M	12	100	2050	0.50	400
22N	22	J, K, M	12	100	1900	0.60	400
27N	27	J, K, M	12	100	1700	0.60	400
33N	33	J, K, M	12	100	1550	0.80	300
39N	39	J, K, M	12	100	1450	1.00	300
47N	47	J, K, M	12	100	1300	1.20	300

Specifications subject to change without notice. Rev. 10/00

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