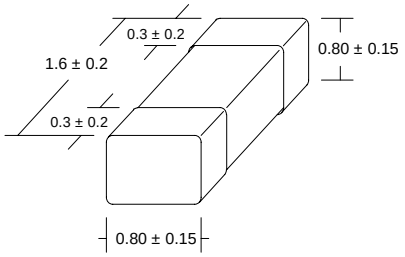
High Frequency Multilayer Chip Inductor **(LSMH-1608 Series)**

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

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

LSMH - 1608 - 1N2 S - T

Dimensions
(Length, Width)

Inductance Code

Packaging Style
B=Bulk
T=Tape & Reel

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

Features

Inductance Range	1.2 nH to 100 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)
1N2	1.2	S	13	100	6000	0.10	500
1N5	1.5	S	13	100	6000	0.10	500
1N8	1.8	S	13	100	6000	0.10	500
2N2	2.2	S	13	100	6000	0.10	500
2N7	2.7	S	13	100	6000	0.10	500
3N3	3.3	J, K, M	13	100	5900	0.12	500
3N9	3.9	J, K, M	13	100	5600	0.14	500
4N7	4.7	J, K, M	13	100	4800	0.16	500
5N6	5.6	J, K, M	13	100	4350	0.18	500
6N8	6.8	J, K, M	13	100	3750	0.22	500
8N2	8.2	J, K, M	13	100	3300	0.24	500
10N	10	J, K, M	13	100	2850	0.26	400
12N	12	J, K, M	15	100	2500	0.28	400
15N	15	J, K, M	15	100	2150	0.26	400
18N	18	J, K, M	16	100	2100	0.32	400
22N	22	J, K, M	17	100	1850	0.40	400
27N	27	J, K, M	17	100	1680	0.45	400
33N	33	J, K, M	18	100	1580	0.55	400
39N	39	J, K, M	18	100	1400	0.60	300
47N	47	J, K, M	18	100	1200	0.70	300
56N	56	J, K, M	18	100	1100	0.75	300
68N	68	J, K, M	18	100	1050	0.85	300
82N	82	J, K, M	18	100	900	1.50	300
R10	100	J, K, M	18	100	850	2.10	300

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

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