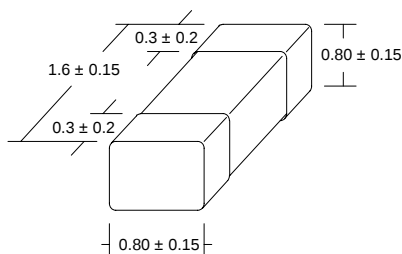


Surface Mount Multilayer Chip Inductor (LSML-160808 Se-

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

Dimensions



(Not to scale)

Dimensions in mm

Part Numbering Guide

LSML - 160808 - 47N M - T			
Dimensions (Length, Width, Height)		Packaging Style B=Bulk T=Tape & Reel (4000 pcs per reel)	
Inductance Code		Tolerance K=10%, M=20%	

Features

Inductance Range	0.047 μ H to 22 μ H
Tolerance	10%, 20%
Operating Temperature	-25°C to +85°C

Electrical Specifications

Inductance Code	Inductance (μ H)	Available Tolerance	Q Min	LQ Test Freq (MHz)	SRF Min (MHz)	DCR Max (Ohms)	IDC Max (mA)
47N	0.047	M	30	50	260	0.30	50
68N	0.068	M	30	50	250	0.30	50
82N	0.082	M	30	50	245	0.30	50
R10	0.10	K, M	40	25	240	0.50	50
R12	0.12	K, M	40	25	205	0.50	50
R15	0.15	K, M	40	25	180	0.60	50
R18	0.18	K, M	40	25	165	0.60	50
R22	0.22	K, M	40	25	150	0.80	50
R27	0.27	K, M	40	25	136	0.80	50
R33	0.33	K, M	40	25	125	0.85	35
R39	0.39	K, M	40	25	110	1.00	35
R47	0.47	K, M	40	25	105	1.35	35
R56	0.56	K, M	40	25	95	1.55	35
R68	0.68	K, M	40	25	90	1.70	35
R82	0.82	K, M	40	25	85	2.10	35
1R0	1.0	K, M	35	10	75	0.60	25
1R2	1.2	K, M	35	10	65	0.80	25
1R5	1.5	K, M	35	10	60	0.80	25
1R8	1.8	K, M	35	10	55	0.95	25
2R2	2.2	K, M	35	10	50	1.15	15
2R7	2.7	K, M	35	10	45	1.35	15
3R3	3.3	K, M	35	10	40	1.55	15
3R9	3.9	K, M	35	10	35	1.70	15
4R7	4.7	K, M	35	10	33	2.10	15
5R6	5.6	K, M	35	4	22	1.55	5
6R8	6.8	K, M	35	4	20	1.70	5
8R2	8.2	K, M	35	4	18	2.10	5
100	10	K, M	30	2	17	1.85	3
120	12	K, M	30	2	15	2.10	3
150	15	K, M	20	1	14	1.70	1
180	18	K, M	20	1	13	1.85	1
220	22	K, M	20	1	11	2.10	1

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

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