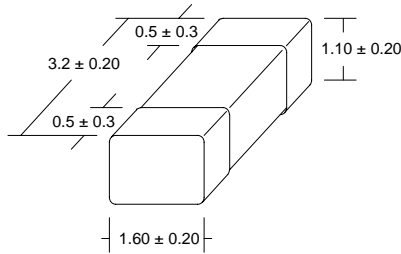


**Dimensions**



(Not to scale)

Dimensions in mm

**Part Numbering Guide**

**LSML - 321611 - 47N M - T**

**Dimensions**  
(Length, Width, Height)

**Inductance Code**

**Packaging Style**

B=Bulk  
T=Tape & Reel  
(3000 pcs per reel)

**Tolerance**  
K=10%, M=20%

**Features**

<b>Inductance Range</b>	0.047 $\mu$ H to 33 $\mu$ H
<b>Tolerance</b>	10%, 20%
<b>Operating Temperature</b>	-25°C to +85°C

**Electrical Specifications**

Inductance Code	Inductance ( $\mu$ H)	Available Tolerance	Q Min	LQ Test Freq (MHz)	SRF Min (MHz)	DCR Max (Ohms)	IDC Max (mA)
47N	0.047	M	40	50	320	0.15	300
68N	0.068	M	40	50	280	0.25	300
R10	0.10	K, M	50	25	235	0.25	250
R12	0.12	K, M	50	25	220	0.30	250
R15	0.15	K, M	50	25	200	0.30	250
R18	0.18	K, M	50	25	185	0.40	250
R22	0.22	K, M	50	25	170	0.40	250
R27	0.27	K, M	50	25	150	0.50	250
R33	0.33	K, M	50	25	145	0.60	250
R39	0.39	K, M	50	25	135	0.50	200
R47	0.47	K, M	50	25	125	0.60	200
R56	0.56	K, M	50	25	115	0.70	150
R68	0.68	K, M	50	25	105	0.80	150
R82	0.82	K, M	50	25	100	0.90	150
1R0	1.0	K, M	40	10	110	0.40	100
1R2	1.2	K, M	40	10	100	0.50	100
1R5	1.5	K, M	40	10	90	0.50	80
1R8	1.8	K, M	40	10	80	0.50	70
2R2	2.2	K, M	40	10	70	0.60	60
2R7	2.7	K, M	40	10	70	0.60	60
3R3	3.3	K, M	40	10	60	0.70	60
3R9	3.9	K, M	40	10	55	0.80	50
4R7	4.7	K, M	40	10	50	0.90	50
5R6	5.6	K, M	45	4	32	0.70	25
6R8	6.8	K, M	45	4	29	0.80	25
8R2	8.2	K, M	45	4	26	0.90	25
100	10	K, M	45	2	24	1.00	25
120	12	K, M	45	2	22	1.05	15
150	15	K, M	35	1	19	0.70	5
180	18	K, M	35	1	18	0.70	5
220	22	K, M	35	1	16	0.90	5
270	27	K, M	35	1	14	0.90	5
330	33	K, M	35	0.4	13	1.05	5

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