

0201 Case Size Multilayer Chip Inductors for High Frequency (L-RMS Series)

Ordering Code	Inductance (nH)	Inductance Tolerance	Q min.	Measuring Frequency (MHz)	Typical Q					Self-resonant Frequency (MHz)		DC Resistance (Ω)		Maximum Rated Current (mA)	Thickness mm (inches)	Tape & Reel Packaging Quantity
					Frequency (MHz)					min.	typ.	max.	typ.			
					100	300	500	800	1000							
L0201C1N0SRMST	1.0	$\pm 0.3nH$	4	100	6	12	17	22	27	10000	>13000	0.14	0.088	250	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C1N2SRMST	1.2	$\pm 0.3nH$	4	100	6	12	16	21	25	10000	>13000	0.14	0.089	250	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C1N5SRMST	1.5	$\pm 0.3nH$	4	100	6	12	15	20	23	10000	>13000	0.18	0.11	230	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C1N8SRMST	1.8	$\pm 0.3nH$	4	100	6	12	15	20	23	10000	>13000	0.19	0.12	200	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C2N2SRMST	2.2	$\pm 0.3nH$	4	100	6	12	15	20	22	8800	12500	0.22	0.14	200	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C2N7SRMST	2.7	$\pm 0.3nH$	5	100	7	12	15	20	22	7700	11000	0.25	0.16	200	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C3N3SRMST	3.3	$\pm 0.3nH$	5	100	7	12	15	20	22	6700	9600	0.30	0.19	180	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C3N9SRMST	3.9	$\pm 0.3nH$	5	100	7	12	15	20	22	6000	8600	0.30	0.20	170	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C4N7SRMST	4.7	$\pm 0.3nH$	5	100	7	12	15	19	21	5300	7600	0.40	0.25	150	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C5N6SRMST	5.6	$\pm 0.3nH$	5	100	7	12	15	19	21	4600	6600	0.40	0.25	150	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C6N8JRMST	6.8	$\pm 5\%$	5	100	7	11	14	18	20	3900	5600	0.48	0.30	150	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C8N2JRMST	8.2	$\pm 5\%$	5	100	7	11	14	18	19	3400	4900	0.55	0.34	150	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C10NJRMST	10	$\pm 5\%$	5	100	7	11	14	17	18	2900	4200	0.63	0.39	150	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C12NJRMST	12	$\pm 5\%$	5	100	7	11	14	17	18	2700	3800	0.70	0.45	100	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C15NJRMST	15	$\pm 5\%$	5	100	7	11	13	16	17	2300	3300	0.80	0.50	100	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C18NJRMST	18	$\pm 5\%$	5	100	7	11	13	16	17	2100	3000	0.90	0.57	100	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C22NJRMST	22	$\pm 5\%$	5	100	7	11	13	15	16	1800	2600	1.20	0.71	100	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C27NJRMST	27	$\pm 5\%$	4	100	6	10	12	14	15	1800	2600	1.80	1.11	50	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C33NJRMST	33	$\pm 5\%$	4	100	6	10	12	14	14	1700	2400	2.10	1.33	50	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C39NJRMST	39	$\pm 5\%$	4	100	6	10	12	13	12	1500	2100	2.40	1.51	50	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C47NJRMST	47	$\pm 5\%$	4	100	6	10	11	12	11	1300	1800	2.80	1.74	50	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C56NJRMST	56	$\pm 5\%$	4	100	6	10	11	11	10	1100	1600	3.00	1.85	50	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C68NJRMST	68	$\pm 5\%$	4	100	6	10	11	11	10	1100	1500	3.00	2.30	50	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201C82NJRMST	82	$\pm 5\%$	4	100	6	10	11	10	8	1000	1400	3.50	2.60	50	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000
L0201CR10JRMST	100	$\pm 5\%$	4	100	6	9	10	9	6	900	1200	4.00	3.00	40	0.30 \pm 0.03 (0.012 \pm 0.001)	15,000