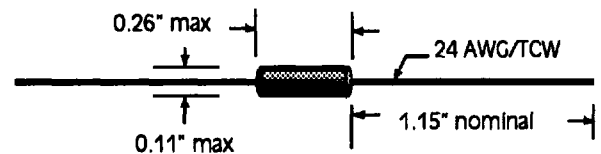


PART NUMBER	INDUCTANCE (μ H)	Q MINIMUM	TEST FREQUENCY (MHz)	SELF RESONANT FREQUENCY MINIMUM (MHz)	DC RESISTANCE MAX (Ω)	RATED DC CURRENT MAX (mA)
LS1-R10K	.10	39	25	400	.071	1580
LS1-R12K	.12	36	25	400	.087	1360
LS1-R15K	.15	35	25	400	.109	1280
LS1-R18K	.18	33	25	400	.145	1110
LS1-R22K	.22	35	25	400	.165	1040
LS1-R27K	.27	33	25	400	.192	965
LS1-R33K	.33	33	25	370	.228	885
LS1-R39K	.39	32	25	348	.259	830
LS1-R47K	.47	33	25	312	.348	717
LS1-R56K	.56	30	25	286	.417	655
LS1-R68K	.68	30	25	262	.580	555
LS1-R82K	.82	33	25	188	.132	1160
LS1-1R0K	1.0	35	25	166	.169	1030
LS1-1R2K	1.2	29	7.9	149	.184	985
LS1-1R5K	1.5	29	7.9	136	.260	825
LS1-1R8K	1.8	29	7.9	118	.360	705
LS1-2R2K	2.2	28	7.9	110	.410	664
LS1-2R7K	2.7	32	7.9	94.0	.550	577
LS1-3R3K	3.3	32	7.9	86.0	.620	540
LS1-3R9K	3.9	38	7.9	85.0	.790	475
LS1-4R7K	4.7	38	7.9	79.0	.910	445
LS1-5R6K	5.6	40	7.9	72.0	1.15	395
LS1-6R8K	6.8	46	7.9	65.0	1.73	320
LS1-8R2K	8.2	48	7.9	59.0	1.96	302
LS1-100K	10	49	7.9	53.0	2.30	280
LS1-120K	12	35	2.5	60.0	.55	570
LS1-150K	15	47	2.5	53.0	.71	500
LS1-180K	18	50	2.5	45.8	1.0	423
LS1-220K	22	50	2.5	42.2	1.09	404
LS1-270K	27	43	2.5	31.0	1.35	364
LS1-330K	33	60	2.5	26.0	1.9	305
LS1-390K	39	60	2.5	24.2	2.1	293
LS1-470K	47	60	2.5	22.0	2.4	271
LS1-560K	56	66	2.5	21.2	2.9	248
LS1-680K	68	63	2.5	19.9	3.2	237
LS1-820K	82	65	2.5	16.8	3.7	219
LS1-101K	100	69	2.5	13.2	4.6	198
LS1-121K	120	65	.79	11	5.2	184
LS1-151K	150	67	.79	9.1	5.9	173
LS1-181K	180	67	.79	7.4	7.4	156
LS1-221K	220	68	.79	7.2	8.5	145
LS1-271K	270	70	.79	6.8	10.	133
LS1-331K	330	70	.79	5.5	13.4	115
LS1-391K	390	70	.79	5.1	15	109
LS1-471K	470	70	.79	5.0	21	92
LS1-561K	560	70	.79	4.9	23	88
LS1-681K	680	70	.79	4.6	26	82
LS1-821K	820	70	.79	4.2	34	72
LS1-102K	1000	70	.79	4.0	39	67

LS1 Subminiature Shielded Inductors

Inductances 0.1 μ H to 1,000 μ H
Case Size .002 cubic inches

Reliable subminiature shielded inductors for your high-density applications. A convenient package without a sacrifice in electrical quality.



Power Rating: 0.25 watts at 90°C ambient temperature and rated current.

Current Rating: Based on temperature rise not to exceed 35°C at 90°C ambient temperature.

Overload: Not to exceed 1.5X rated current.

Inductance Tolerance: $\pm 10\%$ over entire inductance range.

Shielding: Less than 3% coupling, units side by side at 1 kHz.

Operating Temperature: -55°C to +125°C.
Weight: 0.03 grams.

Testing: Inductance and Q measured with Q meter HP4342A at specified frequency. DCR measured with Milliohm meter. SRF measured on 159 Grid Dip meter.

Marking: Printed with Part Number only.

Packaging: 1000 pieces/bag.

All information contained in this document is furnished for the sole purpose of identifying and suggesting the nature of the product's specifications and does not warrant the nature or quality of the products. Specifications are subject to change without notice.



800/854-1881