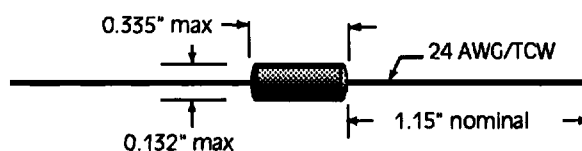


PART NUMBER	INDUCTANCE (μ H)	Q MINIMUM	TEST FREQUENCY (MHz)	SELF RESONANT FREQUENCY MINIMUM (MHz)	DC RESISTANCE MAX (Ω)	RATED DC CURRENT MAX (mA)	INCREMENTAL CURRENT (mA)
LS2-R10K	.10	40	25	500	.112	1720	1720
LS2-R12K	.12	40	25	500	.126	1630	1630
LS2-R15K	.15	40	25	500	.138	1550	1550
LS2-R18K	.18	40	25	358	.165	1420	1420
LS2-R22K	.22	40	25	331	.198	1330	1330
LS2-R27K	.27	40	25	298	.220	1230	1230
LS2-R33K	.33	40	25	288	.258	1140	1140
LS2-R39K	.39	40	25	271	.292	1060	1060
LS2-R47K	.47	40	25	247	.360	960	960
LS2-R56K	.56	40	25	236	.397	915	915
LS2-R68K	.68	36	25	216	.472	840	840
LS2-R82K	.82	35	25	200	.638	720	720
LS2-1R0K	1.0	40	25	136	.208	1260	1260
LS2-1R2K	1.2	38	7.9	120	.225	1210	1210
LS2-1R5K	1.5	38	7.9	111	.265	1120	1120
LS2-1R8K	1.8	38	7.9	103	.285	1080	1080
LS2-2R2K	2.2	36	7.9	94	.330	1000	1000
LS2-2R7K	2.7	38	7.9	84.8	.381	935	935
LS2-3R3K	3.3	38	7.9	78.4	.432	875	875
LS2-3R9K	3.9	40	7.9	72.8	.576	755	755
LS2-4R7K	4.7	40	7.9	66.4	.787	650	650
LS2-5R6K	5.6	40	7.9	61.6	1.04	565	565
LS2-6R8K	6.8	43	7.9	54	1.4	485	485
LS2-8R2K	8.2	45	7.9	49.6	1.68	440	440
LS2-100K	10.0	50	7.9	44	2.58	355	355
LS2-120K	12.0	50	2.5	39.2	3.65	300	300
LS2-150K	15.0	47	2.5	44	.862	620	210
LS2-180K	18.0	43	2.5	40	1.02	570	180
LS2-220K	22.0	42	2.5	36	1.12	485	165
LS2-270K	27.0	37	2.5	32.8	1.28	466	155
LS2-330K	33.0	46	2.5	29.6	1.7	438	152
LS2-390K	39.0	38	2.5	26.4	1.99	405	148
LS2-470K	47.0	42	2.5	23	2.41	355	143
LS2-560K	56.0	41	2.5	21.6	2.85	340	132
LS2-680K	68.0	46	2.5	18	3.21	320	124
LS2-820K	82.0	46	2.5	16.8	3.57	305	117
LS2-101K	100.0	43	2.5	15.2	4.1	280	110
LS2-121K	120.0	50	.79	14	5.87	235	90
LS2-151K	150.0	49	.79	12	7.05	215	75
LS2-181K	180.0	56	.79	11	8.12	200	68
LS2-221K	220.0	53	.79	9.6	14.8	150	63
LS2-271K	270.0	57	.79	9.2	16.8	140	60
LS2-331K	330.0	57	.79	8.4	18.6	130	57
LS2-391K	390.0	57	.79	8.0	21.1	120	55
LS2-471K	470.0	50	.79	6.7	32.2	100	53
LS2-561K	560.0	50	.79	6.0	36.4	95	51
LS2-681K	680.0	56	.79	5.6	41.1	90	50
LS2-821K	820.0	49	.79	5.3	45	85	48
LS2-102K	1000.0	49	.79	4.8	52	80	47
LS2-122K	1200.0	50	.25	3.25	22.4	100	40
LS2-152K	1500.0	50	.25	2.91	29.4	90	35
LS2-182K	1800.0	50	.25	2.63	33.0	84	33
LS2-222K	2200.0	55	.25	2.58	38.0	79	30
LS2-272K	2700.0	55	.25	2.40	42.0	75	26
LS2-332K	3300.0	55	.25	2.07	58.5	63.5	20
LS2-392K	3900.0	50	.25	2.00	77.0	55.5	18
LS2-472K	4700.0	50	.25	1.83	86.2	52.5	17
LS2-562K	5600.0	45	.25	1.79	111.0	46.0	14
LS2-682K	6800.0	45	.25	1.60	128.0	42.6	12
LS2-822K	8200.0	45	.25	1.56	145.0	40.5	10
LS2-103K	10,000.0	45	.25	1.50	168.0	31.6	8

LS2 Subminiature Shielded Inductors

Inductances 0.1 μ H to 10,000 μ H
Case Size .004 cubic inches

Reliable subminiature shielded inductors for your high-density applications. A convenient package without a sacrifice in electrical quality. A magnetically shielded choke with excellent inductance to-Q ratios, low values of DC resistance and excellent resonant frequencies.



Rating: 0.33 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.

Incremental Current: DC current required to cause a maximum reduction of 5% in inductance for nominal value of inductance measured with zero DC current.

Inductance Tolerance: .+10% over entire inductance range.

Shielding: Less than 5% coupling, units side by side at 1 kHz.

Operating Temperature: -55°C to +125°C.
Weight: 0.05 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: Bulk: 1000 pieces/bag. Tape and Reel: 2500 pieces.

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.

ISI

800/854-1881