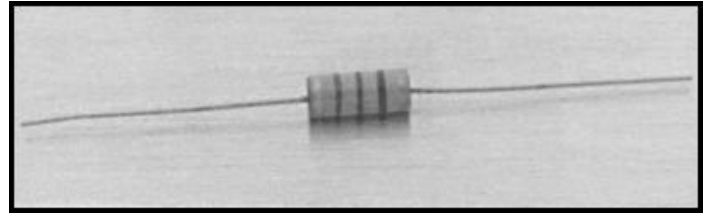
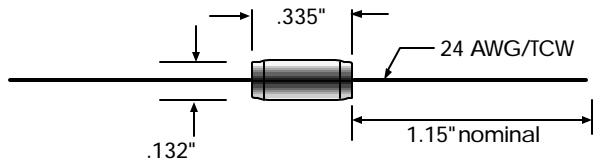
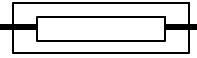


Subminiature Shielded Inductors LS2B



These reliable subminiature shielded inductors are especially suited for high-density applications. All feature magnetic shielding, excellent inductance-to-size ratios, low DC resistance and high Q.

INDUCTANCES 0.10 μ H to 1,000 μ H

OPERATING TEMPERATURE RANGE -55°C to +105°C

CURRENT RATING Based on 0.25 watt power dissipation.

INDUCTANCE TOLERANCE \pm 10% over entire inductance range. (Special values and tighter tolerances available upon request.)

SHIELDING 5% coupling maximum with 2 units side by side at 1KHz.

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 5-Band Color Code.

PACKAGING Bulk or Tape and Reel.

PART NUMBER	INDUCTANCE (μ H)	Q MINIMUM	TEST FREQUENCY (MHz)	SELF RESONANT FREQUENCY MINIMUM (MHz)	DC RESISTANCE OHMS MAXIMUM (W)	RATED DC CURRENT MAX (mA)
LS2B-R10K	.10	42	25	500	.112	1720
LS2B-R12K	.12	42	25	500	.126	1630
LS2B-R15K	.15	42	25	500	.136	1550
LS2B-R18K	.18	42	25	336	.165	1420
LS2B-R22K	.22	42	25	331	.198	1330
LS2B-R27K	.27	42	25	298	.220	1230
LS2B-R33K	.33	42	25	288	.258	1140
LS2B-R39K	.39	42	25	271	.292	1060
LS2B-R47K	.47	41	25	247	.360	960
LS2B-R65K	.65	39	25	236	.397	915
LS2B-R68K	.68	36	25	216	.472	840
LS2B-R82K	.82	35	25	200	.638	720
LS2B-1R0K	1.00	42	25	136	.208	1260
LS2B-1R2K	1.20	38	7.9	120	.225	1210
LS2B-1R5K	1.50	38	7.9	111	.265	1120
LS2B-1R8K	1.80	38	7.9	103	.285	1080
LS2B-2R2K	2.20	36	7.9	94.0	.330	1000
LS2B-2R7K	2.70	38	7.9	84.8	.381	935
LS2B-3R3K	3.30	38	7.9	78.4	.432	875
LS2B-3R9K	3.90	40	7.9	72.8	.576	755
LS2B-4R7K	4.70	42	7.9	66.4	.787	650
LS2B-5R6K	5.60	42	7.9	61.6	1.040	565
LS2B-6R8K	6.80	45	7.9	54.6	1.400	485
LS2B-8R2K	8.20	47	7.9	49.6	1.680	440
LS2B-100K	10	51	7.9	44.0	2.580	355
LS2B-120K	12	51	2.5	39.2	3.650	300
LS2B-150K	15	45	2.5	44.0	0.862	620
LS2B-180K	18	43	2.5	40.0	1.020	570
LS2B-220K	22	42	2.5	36.0	1.120	545
LS2B-270K	27	37	2.5	32.8	1.280	510
LS2B-330K	33	46	2.5	29.6	1.700	440
LS2B-390K	39	38	2.5	26.4	1.990	405
LS2B-470K	47	42	2.5	23.2	2.410	370
LS2B-560K	56	41	2.5	21.6	2.850	340
LS2B-680K	68	46	2.5	18.4	3.210	320
LS2B-820K	82	46	2.5	16.8	3.570	305
LS2B-101K	100	43	2.5	15.2	4.100	280
LS2B-121K	120	50	.79	14.4	5.970	235
LS2B-151K	150	49	.79	12.0	7.050	215
LS2B-181K	180	56	.79	11.2	8.120	200
LS2B-221K	220	53	.79	9.6	14.800	150
LS2B-271K	270	57	.79	9.2	16.800	140
LS2B-331K	330	57	.79	8.4	18.600	130
LS2B-391K	390	57	.79	8.0	21.100	120
LS2B-471K	470	50	.79	6.8	32.200	100
LS2B-561K	560	50	.79	6.0	36.400	95
LS2B-681K	680	56	.79	5.6	41.100	90
LS2B-821K	820	49	.79	5.2	45.000	85
LS2B-102K	1000	49	.79	4.8	52.000	80