



Notes for LS2B subminiature shielded inductor:

Rated current: Based on the inductance change within 10% of the initial value.
 Inductance Tolerance: K = ± 10% over entire the inductance range, J = ± 5% tolerance, special inductance values, tighter tolerances available by special order.
 Shielding: 5% coupling maximum with 2 units side-by-side at 1 KHz.
 Marking: EIA 5-band color code.
 Packaging: Bulk or Tape & Reel, Reel Size = 5,000 pcs.

Operating Temperature Range: - 55°C ~ + 125°C.

Testing: Inductance and Q measured with HP4342A meter at specified frequency. DCR measured with milliohm meter. SRF measured on HP4191A meter.
 Magnetically-shielded construction.
 Manufactured to RoHS Compliance.

PART NUMBER	INDUCTANCE [μH, ± 10%]	Q MINIMUM	TEST FREQUENCY [MHz]	SELF-RESONANT FREQUENCY MINIMUM [MHz]	DC RESISTANCE OHMS MAXIMUM []	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-R56K	.56	39	25	236	.397	915
LS2B-R68K	.68	36	25	216	.472	840
LS2B-R82K	.82	35	25	200	.638	720
LS2B-1R0K	1.0	42	25	136	.208	1260
LS2B-1R2K	1.2	38	7.9	120	.225	1210
LS2B-1R5K	1.5	38	7.9	111	.265	1120
LS2B-1R8K	1.8	38	7.9	103	.285	1080
LS2B-2R2K	2.2	38	7.9	94.0	.330	1000
LS2B-2R7K	2.7	38	7.9	84.8	.381	935
LS2B-3R3K	3.3	38	7.9	78.4	.432	875
LS2B-3R9K	3.9	40	7.9	72.8	.576	755
LS2B-4R7K	4.7	42	7.9	66.4	.787	650
LS2B-5R6K	5.6	42	7.9	61.6	1.04	565
LS2B-6R8K	6.8	45	7.9	54.6	1.40	485
LS2B-8R2K	8.2	47	7.9	49.6	1.68	440
LS2B-100K	10	51	7.9	44.0	2.58	355
LS2B-120K	12	51	2.5	39.2	3.65	300
LS2B-150K	15	45	2.5	44.0	0.862	620
LS2B-180K	18	43	2.5	40.0	1.02	570
LS2B-220K	22	42	2.5	36.0	1.12	545
LS2B-270K	27	37	2.5	32.8	1.28	510
LS2B-330K	33	46	2.5	29.6	1.70	440
LS2B-390K	39	38	2.5	26.4	1.99	405
LS2B-470K	47	42	2.5	23.2	2.41	370
LS2B-560K	56	41	2.5	21.6	2.85	340
LS2B-680K	68	46	2.5	18.4	3.21	320
LS2B-820K	82	46	2.5	16.8	3.57	305
LS2B-101K	100	43	2.5	15.2	4.10	280
LS2B-121K	120	50	2.5	14.4	5.97	235
LS2B-151K	150	49	0.79	12.0	7.05	215
LS2B-181K	180	56	0.79	11.2	8.12	200
LS2B-221K	220	53	0.79	9.6	14.8	150
LS2B-271K	270	57	0.79	9.2	16.8	140



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LS2B-331K	330	57	0.79	8.4	18.6	130
LS2B-391K	390	57	0.79	8.0	21.1	120
LS2B-471K	470	50	0.79	6.8	32.2	100
LS2B-561K	560	50	0.79	6.0	36.4	95
LS2B-681K	680	56	0.79	5.6	41.1	90
LS2B-821K	820	49	0.79	5.2	45.0	85
LS2B-102K	1000	49	0.79	4.8	52.0	80
LS2B-122K	1200	50	0.25	3.25	22.4	100
LS2B-152K	1500	50	0.25	2.91	29.4	90
LS2B-182K	1800	50	0.25	2.63	33.0	84
LS2B-222K	2200	55	0.25	2.58	38.0	79
LS2B-272K	2700	55	0.25	2.40	42.0	75
LS2B-332K	3300	55	0.25	2.07	58.5	63.5
LS2B-392K	3900	50	0.25	2.00	77.0	55.5
LS2B-472K	4700	50	0.25	1.83	86.2	52.5
LS2B-562K	5600	45	0.25	1.79	111	46.0
LS2B-682K	6800	45	0.25	1.60	128	42.6
LS2B-822K	8200	45	0.25	1.56	145	40.5
LS2B-103K	10,000	45	0.25	1.50	168	31.6