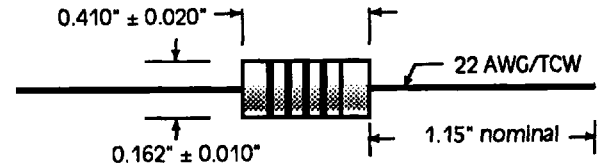


PART NUMBER	INDUCTANCE (μH)	Q MINIMUM	TEST FREQUENCY (MHZ)	SELF RESONANT FREQUENCY MINIMUM (MHZ)	DC RESISTANCE MAX (Ω)	RATED DC CURRENT MAX (mA)	INCREMENTAL CURRENT (mA)
LS3-R10K	.10	50	25	250	.025	1790	1790
LS3-R12K	.12	51	25	250	.034	1530	1530
LS3-R15K	.15	51	25	250	.037	1470	1470
LS3-R18K	.18	50	25	250	.047	1300	1300
LS3-R22K	.22	49	25	250	.067	1100	1100
LS3-R27K	.27	47	25	250	.110	855	855
LS3-R33K	.33	46	25	250	.130	780	780
LS3-R39K	.39	44	25	250	.180	670	670
LS3-R47K	.47	44	25	235	.250	565	565
LS3-R56K	.56	43	25	210	.330	490	490
LS3-R68K	.68	42	25	190	.450	420	420
LS3-R82K	.82	40	25	180	.590	370	370
LS3-1R0K	1.0	40	25	140	.070	1070	1070
LS3-1R2K	1.2	44	7.9	130	.10	895	895
LS3-1R5K	1.5	44	7.9	115	.12	815	815
LS3-1R8K	1.8	44	7.9	105	.14	775	775
LS3-2R2K	2.2	44	7.9	100	.19	650	650
LS3-2R7K	2.7	44	7.9	92	.28	535	536
LS3-3R3K	3.3	44	7.9	85	.35	480	480
LS3-3R9K	3.9	44	7.9	75	.40	450	450
LS3-4R7K	4.7	44	7.9	70	.55	380	380
LS3-5R6K	5.6	44	7.9	65	.72	335	335
LS3-6R8K	6.8	50	7.9	55	1.02	280	280
LS3-8R2K	8.2	50	7.9	50	1.32	250	250
LS3-100K	10	50	7.9	46	1.62	220	220
LS3-120K	12	55	2.5	44	2.00	200	200
LS3-150K	15	45	2.5	49	0.80	315	250
LS3-180K	18	45	2.5	45	0.89	300	235
LS3-220K	22	45	2.5	41	0.96	290	220
LS3-270K	27	45	2.5	38	1.19	260	200
LS3-330K	33	45	2.5	34	1.37	240	190
LS3-390K	39	50	2.5	29	1.93	205	180
LS3-470K	47	50	2.5	27	2.11	195	175
LS3-560K	56	40	2.5	25	2.23	190	160
LS3-680K	68	50	2.5	21	2.70	170	150
LS3-820K	82	50	2.5	10.5	2.44	180	140
LS3-101K	100	50	2.5	10.0	3.12	160	120
LS3-121K	120	55	.79	9.7	3.6	150	95
LS3-151K	150	55	.79	8.5	4.1	140	90
LS3-181K	180	55	.79	8.0	4.4	135	85
LS3-221K	220	55	.79	7.5	5.0	125	80
LS3-271K	270	55	.79	7.0	5.8	115	70
LS3-331K	330	55	.79	6.5	6.4	110	65
LS3-391K	390	60	.79	6.2	7.4	105	60
LS3-471K	470	60	.79	5.7	9.5	92	58
LS3-561K	560	60	.79	4.7	10.5	90	55
LS3-681K	680	60	.79	4.5	11.8	80	50
LS3-821K	820	57	.79	4.2	13.0	80	45
LS3-102K	1000	65	.79	3.8	17.5	70	40
LS3-122K	1200	45	.25	1.5	22.1	60	35
LS3-152K	1500	45	.25	1.2	26.5	55	33
LS3-182K	1800	45	.25	1.0	29.9	50	30
LS3-222K	2200	55	.25	.97	33.8	50	27
LS3-272K	2700	45	.25	.92	47.3	40	25
LS3-332K	3300	45	.25	.84	53.0	40	22
LS3-392K	3900	45	.25	.80	73.8	35	20
LS3-472K	4700	45	.25	.74	81.6	31	19
LS3-562K	5600	44	.25	.73	98.9	28	17
LS3-682K	6800	40	.25	.66	111.0	27	16
LS3-822K	8200	40	.25	.54	119.0	26	15
LS3-103K	10000	40	.25	.47	137.0	24	14

## LS3 Shielded Inductors

Inductances : 0.1 μH to 10,000 μH



**Operating Temperature:** -55°C to +105°C.

Ambient Temperature: 90°C.

**Inductance Tolerance:** ±10% over entire inductance range.

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

**Incremental Current:** DC current which will cause 5% reduction in inductance.

**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: 500 pieces/bag, Tape & Reel: 3000 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**

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