



Dimensions in mm.

Notes for RLS75 shielded power inductor:
 Inductance Tolerance: K = ± 10% over the entire inductance range, J = ± 5% available by special order.
 Operating Temperature Range: - 55°C to + 105°C.
 Rated Current: Based on 10% decrease in initial inductance with applied DC current measured at 1 KHz.
 Manufactured to RoHS compliance.

Testing: Inductance measured on Q meter at specified frequency. DCR measured with milliohm meter.
 Packaging: Bulk or tape & ammpak [1000 pcs per box].
 Marking: Inductance code.
 Epoxy encapsulated, tinned copper wire leads.
 Magnetically-shielded construction.

PART NUMBER	INDUCTANCE [μH, ± 10%]	TEST FREQUENCY	DC RESISTANCE MAX [δ]	RATED DC CURRENT MAX [mA]
RLS75-220K	22	2.5 MHz	0.08	1600
RLS75-270K	27	2.5 MHz	0.10	1490
RLS75-330K	33	2.5 MHz	0.14	1300
RLS75-390K	39	2.5 MHz	0.15	1200
RLS75-470K	47	2.5 MHz	0.17	1100
RLS75-560K	56	2.5 MHz	0.19	990
RLS75-680K	68	2.5 MHz	0.21	890
RLS75-820K	82	2.5 MHz	0.27	810
RLS75-101K	100	1.0 KHz	0.32	740
RLS75-121K	120	1.0 KHz	0.36	670
RLS75-151K	150	1.0 KHz	0.51	600
RLS75-181K	180	1.0 KHz	0.57	550
RLS75-221K	220	1.0 KHz	0.76	500
RLS75-271K	270	1.0 KHz	0.86	450
RLS75-331K	330	1.0 KHz	0.97	410
RLS75-391K	390	1.0 KHz	1.28	370
RLS75-471K	470	1.0 KHz	1.44	340
RLS75-561K	560	1.0 KHz	1.61	310
RLS75-681K	680	1.0 KHz	2.07	280
RLS75-821K	820	1.0 KHz	2.33	260
RLS75-102K	1000	1.0 KHz	2.72	230
RLS75-122K	1200	1.0 KHz	3.98	210
RLS75-152K	1500	1.0 KHz	4.50	190
RLS75-182K	1800	1.0 KHz	6.81	170
RLS75-222K	2200	1.0 KHz	7.56	160
RLS75-272K	2700	1.0 KHz	8.54	140
RLS75-332K	3300	1.0 KHz	9.74	130
RLS75-392K	3900	1.0 KHz	12.9	120
RLS75-472K	4700	1.0 KHz	14.7	110
RLS75-562K	5600	1.0 KHz	20.4	99
RLS75-682K	6800	1.0 KHz	23.0	89
RLS75-822K	8200	1.0 KHz	30.6	81
RLS75-103K	10,000	1.0 KHz	35.0	74