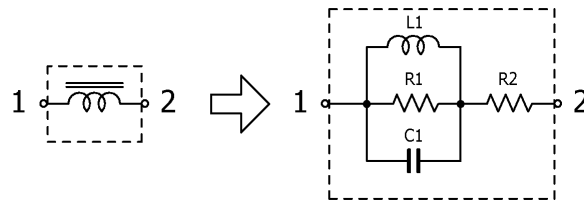


SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / VLS6045EX series

Circuit Diagram



Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLS6045EX-R47N	0.47	1,500	1.391	0.0100
VLS6045EX-1R0N	1.0	4,200	0.887	0.0120
VLS6045EX-1R5N	1.5	4,100	1.696	0.0170
VLS6045EX-2R2N	2.2	4,600	3.476	0.0190
VLS6045EX-3R3N	3.3	5,600	4.541	0.0230
VLS6045EX-4R7M	4.7	8,300	5.120	0.0270
VLS6045EX-6R8M	6.8	14,000	3.836	0.0360
VLS6045EX-100M	10	17,000	5.097	0.0470
VLS6045EX-150M	15	24,000	5.717	0.0750
VLS6045EX-220M	22	35,000	5.172	0.1050
VLS6045EX-330M	33	43,000	5.756	0.1750
VLS6045EX-470M	47	46,000	6.613	0.2300
VLS6045EX-680M	68	58,000	6.052	0.3100
VLS6045EX-101M	100	76,000	6.178	0.4700
VLS6045EX-151M	150	100,000	6.956	0.7600
VLS6045EX-221M	220	110,000	7.911	1.1500
VLS6045EX-331M	330	230,000	4.080	1.4400
VLS6045EX-471M	470	290,000	4.922	2.1400
VLS6045EX-681M	680	350,000	5.112	2.9500