

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Commercial Grade for Power Circuits / VLS5045EX series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLS5045EX-1R0N	1.0	3,500	1.217	0.0150
VLS5045EX-1R5N	1.5	5,200	1.178	0.0170
VLS5045EX-2R2N	2.2	5,600	2.639	0.0220
VLS5045EX-3R3N	3.3	6,000	4.748	0.0270
VLS5045EX-4R7M	4.7	9,200	4.750	0.0360
VLS5045EX-6R8M	6.8	11,000	4.560	0.0460
VLS5045EX-100M	10	15,000	4.690	0.0610
VLS5045EX-150M	15	20,000	5.878	0.1100
VLS5045EX-220M	22	29,000	4.915	0.1250
VLS5045EX-330M	33	32,000	5.319	0.2400
VLS5045EX-470M	47	50,000	5.412	0.3000
VLS5045EX-680M	68	65,000	6.454	0.4100
VLS5045EX-101M	100	74,000	6.635	0.5800
VLS5045EX-151M	150	120,000	5.977	0.7300
VLS5045EX-221M	220	140,000	5.056	1.0500