

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Automotive Grade for Power Circuits / VLS5030EX-D series

Circuit Diagram



Circuit Parameters

Part No.	L1[μ H]	R1[ohm]	C1[pF]	R2[ohm]
VLS5030EX-1R0N-D	1.0	2,100	2.183	0.0120
VLS5030EX-1R5N-D	1.5	3,000	2.788	0.0140
VLS5030EX-2R4N-D	2.4	4,300	3.031	0.0210
VLS5030EX-3R0N-D	3.0	5,400	2.425	0.0260
VLS5030EX-4R7M-D	4.7	7,200	2.823	0.0400
VLS5030EX-6R8M-D	6.8	9,200	2.989	0.0560
VLS5030EX-100M-D	10	12,000	3.486	0.0800
VLS5030EX-150M-D	15	18,000	3.154	0.1200
VLS5030EX-220M-D	22	23,000	2.980	0.1800
VLS5030EX-330M-D	33	30,000	3.491	0.2700
VLS5030EX-470M-D	47	42,000	3.671	0.3500
VLS5030EX-680M-D	68	59,000	4.194	0.5500
VLS5030EX-101M-D	100	84,000	4.068	0.8000
VLS5030EX-151M-D	150	100,000	3.923	1.1600