

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Automotive Grade for Power Circuits / VLS6045EX-H series

Circuit Diagram



Circuit Parameters

Part No.	L1[μ H]	R1[ohm]	C1[pF]	R2[ohm]
VLS6045EX-1R0N-H	1.0	3,700	1.181	0.0120
VLS6045EX-1R5N-H	1.5	3,600	3.424	0.0170
VLS6045EX-2R2N-H	2.2	5,500	4.226	0.0190
VLS6045EX-3R3N-H	3.3	6,600	5.609	0.0230
VLS6045EX-4R7M-H	4.7	9,700	4.806	0.0270
VLS6045EX-6R8M-H	6.8	13,000	4.896	0.0360
VLS6045EX-100M-H	10	17,000	4.937	0.0470
VLS6045EX-150M-H	15	26,000	4.496	0.0750
VLS6045EX-220M-H	22	31,000	5.363	0.1050
VLS6045EX-330M-H	33	45,000	4.570	0.1750
VLS6045EX-470M-H	47	60,000	5.139	0.2300
VLS6045EX-680M-H	68	75,000	5.168	0.3100
VLS6045EX-101M-H	100	89,000	5.575	0.4700
VLS6045EX-151M-H	150	120,000	5.565	0.7600
VLS6045EX-221M-H	220	150,000	5.488	1.1500