

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Automotive Grade for Power Circuits / VLS5045EX-H series

Circuit Diagram



Circuit Parameters

Part No.	L1[μ H]	R1[ohm]	C1[pF]	R2[ohm]
VLS5045EX-1R0N-H	1.0	3,500	0.940	0.0150
VLS5045EX-1R5N-H	1.5	3,900	2.143	0.0170
VLS5045EX-2R2N-H	2.2	5,200	3.275	0.0220
VLS5045EX-3R3N-H	3.3	6,400	3.849	0.0270
VLS5045EX-4R7M-H	4.7	8,900	4.549	0.0360
VLS5045EX-6R8M-H	6.8	12,000	4.295	0.0460
VLS5045EX-100M-H	10	16,000	4.676	0.0610
VLS5045EX-150M-H	15	20,000	5.086	0.1100
VLS5045EX-220M-H	22	38,000	3.645	0.1250
VLS5045EX-330M-H	33	49,000	4.434	0.2400
VLS5045EX-470M-H	47	64,000	4.682	0.3000
VLS5045EX-680M-H	68	74,000	5.186	0.4100
VLS5045EX-101M-H	100	93,000	5.844	0.5800
VLS5045EX-151M-H	150	110,000	4.159	0.7300
VLS5045EX-221M-H	220	160,000	4.580	1.0500