

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Commercial Grade for Power Circuits / VLS4012HBX-N series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLS4012HBX-R68M-N	0.68	890	4.393	0.0370
VLS4012HBX-1R0M-N	1.0	1,200	5.901	0.0440
VLS4012HBX-1R5M-N	1.5	1,800	6.157	0.0550
VLS4012HBX-2R2M-N	2.2	2,100	8.900	0.0780
VLS4012HBX-3R3M-N	3.3	3,200	8.161	0.0990
VLS4012HBX-4R7M-N	4.7	5,000	7.096	0.1380
VLS4012HBX-6R8M-N	6.8	6,800	7.989	0.1810
VLS4012HBX-100M-N	10	9,100	8.562	0.2940
VLS4012HBX-150M-N	15	13,000	7.987	0.4370
VLS4012HBX-220M-N	22	19,000	9.015	0.5950