

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Commercial Grade for Power Circuits / VLS3012HBX-N series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLS3012HBX-R33N-N	0.33	550	2.781	0.0230
VLS3012HBX-R47M-N	0.47	550	4.192	0.0270
VLS3012HBX-R68M-N	0.68	880	4.816	0.0320
VLS3012HBX-1R0M-N	1.0	1,200	5.158	0.0390
VLS3012HBX-1R5M-N	1.5	1,700	5.258	0.0560
VLS3012HBX-2R2M-N	2.2	2,300	6.652	0.0880
VLS3012HBX-3R3M-N	3.3	3,500	5.996	0.1300
VLS3012HBX-4R7M-N	4.7	4,500	6.933	0.1750
VLS3012HBX-6R8M-N	6.8	6,000	7.078	0.2480
VLS3012HBX-100M-N	10	9,200	6.807	0.3610
VLS3012HBX-150M-N	15	13,000	7.092	0.5530
VLS3012HBX-220M-N	22	15,000	8.757	0.6620