

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Commercial Grade for Power Circuits / VLS201610HBX-1 series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLS201610HBX-R24M-1	0.24	540	2.806	0.0230
VLS201610HBX-R33M-1	0.33	640	2.446	0.0310
VLS201610HBX-R47M-1	0.47	750	2.662	0.0340
VLS201610HBX-R68M-1	0.68	1,100	2.655	0.0440
VLS201610HBX-1R0M-1	1.0	1,400	2.858	0.0600
VLS201610HBX-1R5M-1	1.5	1,600	3.922	0.0970
VLS201610HBX-2R2M-1	2.2	2,200	3.611	0.1420
VLS201610HBX-3R3M-1	3.3	3,100	4.539	0.2100
VLS201610HBX-4R7M-1	4.7	4,200	3.899	0.3080
VLS201610HBX-6R8M-1	6.8	5,800	4.179	0.4650
VLS201610HBX-100M-1	10	7,600	4.678	0.6400