

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / VLS201612HBX-1 series

Circuit Diagram



Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLS201612HBX-R24M-1	0.24	540	2.381	0.0220
VLS201612HBX-R33M-1	0.33	650	2.715	0.0280
VLS201612HBX-R47M-1	0.47	840	2.715	0.0350
VLS201612HBX-R68M-1	0.68	860	3.059	0.0450
VLS201612HBX-1R0M-1	1.0	1,200	2.988	0.0590
VLS201612HBX-1R5M-1	1.5	2,000	2.931	0.0910
VLS201612HBX-2R2M-1	2.2	2,700	3.386	0.1140
VLS201612HBX-3R3M-1	3.3	3,500	3.664	0.1740
VLS201612HBX-4R7M-1	4.7	4,900	3.650	0.2600
VLS201612HBX-6R8M-1	6.8	6,000	4.239	0.3900
VLS201612HBX-100M-1	10	9,300	4.002	0.6300