

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / VLS252012HBX-1 series

Circuit Diagram



Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLS252012HBX-R24M-1	0.24	510	2.223	0.0220
VLS252012HBX-R33M-1	0.33	650	2.193	0.0250
VLS252012HBX-R47M-1	0.47	750	2.786	0.0290
VLS252012HBX-R68M-1	0.68	850	3.826	0.0380
VLS252012HBX-1R0M-1	1.0	1,400	3.495	0.0470
VLS252012HBX-1R5M-1	1.5	1,800	3.914	0.0680
VLS252012HBX-2R2M-1	2.2	2,400	4.701	0.0850
VLS252012HBX-3R3M-1	3.3	3,100	5.503	0.1400
VLS252012HBX-4R7M-1	4.7	4,300	5.600	0.2000
VLS252012HBX-6R8M-1	6.8	5,700	6.273	0.3100
VLS252012HBX-100M-1	10	8,100	6.183	0.4500