

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Commercial Grade for Power Circuits / VLS252010HBX-1 series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLS252010HBX-R24M-1	0.24	580	2.127	0.0220
VLS252010HBX-R33M-1	0.33	640	2.757	0.0250
VLS252010HBX-R47M-1	0.47	800	3.564	0.0290
VLS252010HBX-R68M-1	0.68	1,000	3.738	0.0400
VLS252010HBX-1R0M-1	1.0	1,100	4.677	0.0540
VLS252010HBX-1R5M-1	1.5	1,800	4.214	0.0780
VLS252010HBX-2R2M-1	2.2	2,200	5.005	0.1000
VLS252010HBX-3R3M-1	3.3	3,000	5.508	0.1480
VLS252010HBX-4R7M-1	4.7	4,500	5.120	0.2080
VLS252010HBX-6R8M-1	6.8	6,300	5.176	0.3380
VLS252010HBX-100M-1	10	7,900	6.319	0.4600