

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Commercial Grade for Power Circuits / VLS252012CX-1 series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLS252012CX-1R0M-1	1.0	2,500	1.459	0.0520
VLS252012CX-1R5M-1	1.5	2,800	1.290	0.0620
VLS252012CX-2R2M-1	2.2	3,400	2.025	0.0800
VLS252012CX-3R3M-1	3.3	4,200	1.941	0.1140
VLS252012CX-4R7M-1	4.7	7,200	1.651	0.1750
VLS252012CX-6R8M-1	6.8	7,400	2.253	0.2750
VLS252012CX-100M-1	10	11,000	1.709	0.4020
VLS252012CX-150M-1	15	12,000	2.199	0.6430
VLS252012CX-220M-1	22	13,000	2.313	0.7960