

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / VLS252010CX-1 series

Circuit Diagram



Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLS252010CX-R47M-1	0.47	1,200	0.667	0.0320
VLS252010CX-R68M-1	0.68	1,800	0.831	0.0420
VLS252010CX-1R0M-1	1.0	1,600	1.388	0.0540
VLS252010CX-1R5M-1	1.5	2,800	1.373	0.0720
VLS252010CX-2R2M-1	2.2	2,900	1.727	0.1050
VLS252010CX-3R3M-1	3.3	3,400	2.150	0.1550
VLS252010CX-4R7M-1	4.7	6,500	1.577	0.1960
VLS252010CX-6R8M-1	6.8	8,400	1.609	0.3100
VLS252010CX-100M-1	10	8,500	2.527	0.4830
VLS252010CX-150M-1	15	11,000	2.063	0.7620
VLS252010CX-220M-1	22	13,000	2.799	1.1370