

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / VLS3010CX-1 series

Circuit Diagram



Circuit Parameters

Part No.	L1[μH]	R1[ohm]	C1[pF]	R2[ohm]
VLS3010CX-1R0M-1	1.0	1,300	1.619	0.0390
VLS3010CX-1R5M-1	1.5	1,600	1.794	0.0490
VLS3010CX-2R2M-1	2.2	2,200	1.969	0.0650
VLS3010CX-3R3M-1	3.3	2,600	2.383	0.0830
VLS3010CX-4R7M-1	4.7	3,600	1.944	0.1210
VLS3010CX-6R8M-1	6.8	4,900	2.581	0.1490
VLS3010CX-100M-1	10	6,700	2.384	0.2520
VLS3010CX-150M-1	15	10,000	2.479	0.3560
VLS3010CX-220M-1	22	11,000	3.257	0.5200
VLS3010CX-330M-1	33	17,000	2.781	0.7300
VLS3010CX-470M-1	47	23,000	3.059	1.1600
VLS3010CX-680M-1	68	32,000	3.586	1.6600
VLS3010CX-101M-1	100	47,000	3.390	2.4900