

## Inductors

Nov. 18, 2020  
Simple Model

Automotive Grade for Power Circuits / VLS3015CX-H series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[ $\mu$ H]	R1[ohm]	C1[pF]	R2[ohm]
VLS3015CX-1R0M-H	1.0	2,600	0.845	0.0320
VLS3015CX-1R5M-H	1.5	2,600	1.199	0.0450
VLS3015CX-2R2M-H	2.2	3,900	1.115	0.0500
VLS3015CX-3R3M-H	3.3	4,900	1.769	0.0840
VLS3015CX-4R7M-H	4.7	6,800	1.777	0.1000
VLS3015CX-6R8M-H	6.8	9,600	1.543	0.1600
VLS3015CX-100M-H	10	13,000	1.784	0.2380
VLS3015CX-150M-H	15	14,000	2.088	0.3570
VLS3015CX-220M-H	22	17,000	2.397	0.5500
VLS3015CX-330M-H	33	29,000	2.283	0.7400
VLS3015CX-470M-H	47	39,000	1.864	1.1600
VLS3015CX-680M-H	68	53,000	2.464	1.8800
VLS3015CX-101M-H	100	57,000	2.308	2.1200