

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Automotive Grade for Power Circuits / VLS4020CX-H series

Circuit Diagram



Circuit Parameters

| Part No. | L1[μ H] | R1[ohm] | C1[pF] | R2[ohm] |
|------------------|--------------|---------|--------|---------|
| VLS4020CX-1R0M-H | 1.0 | 2,600 | 0.653 | 0.0400 |
| VLS4020CX-1R5M-H | 1.5 | 3,300 | 1.756 | 0.0500 |
| VLS4020CX-2R2M-H | 2.2 | 4,600 | 1.976 | 0.0600 |
| VLS4020CX-3R3M-H | 3.3 | 6,200 | 2.239 | 0.0800 |
| VLS4020CX-4R7M-H | 4.7 | 8,800 | 2.225 | 0.0900 |
| VLS4020CX-6R8M-H | 6.8 | 10,000 | 3.360 | 0.1300 |
| VLS4020CX-100M-H | 10 | 14,000 | 3.411 | 0.2000 |
| VLS4020CX-150M-H | 15 | 19,000 | 3.706 | 0.2600 |
| VLS4020CX-220M-H | 22 | 27,000 | 3.111 | 0.3600 |
| VLS4020CX-330M-H | 33 | 33,000 | 4.422 | 0.5500 |
| VLS4020CX-470M-H | 47 | 38,000 | 5.560 | 0.7800 |
| VLS4020CX-680M-H | 68 | 47,000 | 4.383 | 1.1300 |
| VLS4020CX-101M-H | 100 | 65,000 | 4.562 | 1.7000 |
| VLS4020CX-151M-H | 150 | 83,000 | 4.006 | 2.7000 |