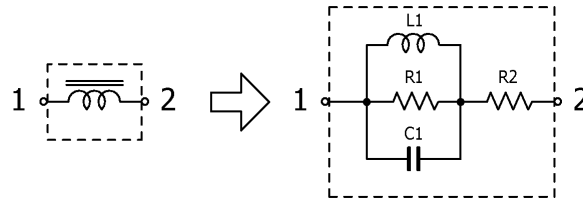


Inductors

Apr. 23, 2020
Simple Model

Commercial Grade for Power Circuits / VLS3012CX-1 series

Circuit Diagram



Circuit Parameters

| Part No. | L1[μ H] | R1[ohm] | C1[pF] | R2[ohm] |
|------------------|--------------|---------|--------|---------|
| VLS3012CX-1R0M-1 | 1 | 4,900 | 2.012 | 0.0370 |
| VLS3012CX-1R5M-1 | 1.5 | 1,900 | 1.815 | 0.0480 |
| VLS3012CX-2R2M-1 | 2.2 | 4,300 | 2.452 | 0.0620 |
| VLS3012CX-3R3M-1 | 3.3 | 3,500 | 2.205 | 0.0890 |
| VLS3012CX-4R7M-1 | 4.7 | 5,800 | 2.224 | 0.1380 |
| VLS3012CX-6R8M-1 | 6.8 | 7,100 | 2.168 | 0.1970 |
| VLS3012CX-100M-1 | 10 | 8,500 | 2.921 | 0.2700 |
| VLS3012CX-150M-1 | 15 | 12,000 | 3.147 | 0.4280 |
| VLS3012CX-220M-1 | 22 | 13,000 | 3.982 | 0.5570 |
| VLS3012CX-330M-1 | 33 | 21,000 | 2.917 | 0.8890 |
| VLS3012CX-470M-1 | 47 | 16,000 | 3.769 | 1.2060 |
| VLS3012CX-680M-1 | 68 | 41,000 | 3.446 | 1.9680 |
| VLS3012CX-101M-1 | 100 | 36,000 | 4.942 | 2.8300 |