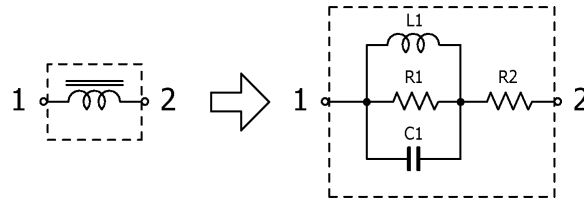


Inductors

Jan. 22, 2019
Simple Model

Commercial Grade for Power Circuits / VLCF4028-2 series

Circuit Diagram



Circuit Parameters

| Part No. | L1[uH] | R1[ohm] | C1[pF] | R2[ohm] |
|---------------------|--------|---------|--------|---------|
| VLCF4028T-1R2N2R7-2 | 1.2 | 3,300 | 0.503 | 0.0270 |
| VLCF4028T-1R6N2R3-2 | 1.6 | 4,300 | 0.769 | 0.0320 |
| VLCF4028T-2R2N1R9-2 | 2.2 | 2,500 | 3.188 | 0.0370 |
| VLCF4028T-2R7N1R8-2 | 2.7 | 3,600 | 2.295 | 0.0430 |
| VLCF4028T-4R7N1R5-2 | 4.7 | 8,600 | 2.566 | 0.0540 |
| VLCF4028T-6R8N1R3-2 | 6.8 | 8,900 | 1.200 | 0.0900 |
| VLCF4028T-100M1R0-2 | 10 | 15,000 | 2.030 | 0.1200 |
| VLCF4028T-150MR88-2 | 15 | 20,000 | 1.708 | 0.1500 |
| VLCF4028T-220MR72-2 | 22 | 24,000 | 2.500 | 0.2100 |
| VLCF4028T-330MR61-2 | 33 | 31,000 | 2.539 | 0.3000 |
| VLCF4028T-470MR48-2 | 47 | 33,000 | 2.534 | 0.4200 |
| VLCF4028T-101MR33-2 | 100 | 80,000 | 3.026 | 0.8700 |
| VLCF4028T-471MR14-2 | 470 | 470,000 | 2.764 | 3.9800 |