

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / VLCF4020 series

Circuit Diagram



Circuit Parameters

| Part No. | L1[uH] | R1[ohm] | C1[pF] | R2[ohm] |
|-------------------|--------|---------|--------|---------|
| VLCF4020T-1R8N1R9 | 1.8 | 1,900 | 1.158 | 0.0460 |
| VLCF4020T-2R2N1R7 | 2.2 | 3,500 | 1.004 | 0.0540 |
| VLCF4020T-3R3N1R5 | 3.3 | 4,100 | 1.424 | 0.0710 |
| VLCF4020T-4R7N1R2 | 4.7 | 6,200 | 1.225 | 0.0890 |
| VLCF4020T-6R8N1R0 | 6.8 | 9,000 | 1.543 | 0.1190 |
| VLCF4020T-100MR85 | 10 | 11,000 | 1.424 | 0.1680 |
| VLCF4020T-150MR68 | 15 | 14,000 | 1.602 | 0.2750 |
| VLCF4020T-220MR56 | 22 | 17,000 | 2.226 | 0.3910 |
| VLCF4020T-270MR48 | 27 | 22,000 | 1.707 | 0.4510 |
| VLCF4020T-330MR47 | 33 | 28,000 | 1.705 | 0.5710 |
| VLCF4020T-470MR39 | 47 | 35,000 | 1.526 | 0.8490 |
| VLCF4020T-101MR26 | 100 | 75,000 | 6.500 | 1.3080 |