

Inductors

Aug. 18, 2020
Simple Model

Automotive Grade for Power Circuits / SPM7054VT-D series

Circuit Diagram



Circuit Parameters

| Part No. | L1[μ H] | R1[ohm] | C1[pF] | R2[ohm] |
|------------------|--------------|---------|--------|---------|
| SPM7054VT-1R0M-D | 1.0 | 1,500 | 8.843 | 0.0046 |
| SPM7054VT-1R5M-D | 1.5 | 2,100 | 9.561 | 0.0060 |
| SPM7054VT-2R2M-D | 2.2 | 2,000 | 13.581 | 0.0074 |
| SPM7054VT-3R3M-D | 3.3 | 2,500 | 11.441 | 0.0112 |
| SPM7054VT-4R7M-D | 4.7 | 3,500 | 12.165 | 0.0166 |
| SPM7054VT-6R8M-D | 6.8 | 4,800 | 13.645 | 0.0239 |
| SPM7054VT-100M-D | 10 | 7,300 | 15.622 | 0.0369 |
| SPM7054VT-150M-D | 15 | 9,800 | 14.743 | 0.0548 |
| SPM7054VT-220M-D | 22 | 11,000 | 15.909 | 0.0719 |
| SPM7054VT-330M-D | 33 | 17,000 | 14.485 | 0.0977 |
| SPM7054VT-470M-D | 47 | 26,000 | 15.199 | 0.1620 |
| SPM7054VT-680M-D | 68 | 31,000 | 18.604 | 0.2220 |
| SPM7054VT-101M-D | 100 | 42,000 | 16.614 | 0.3480 |