

Inductors

Jan. 22, 2019
Simple Model

Automotive Grade for Power Circuits / CLF7045NI-D series

Circuit Diagram



Circuit Parameters

| Part No. | L1[μ H] | R1[ohm] | C1[pF] | R2[ohm] |
|-------------------|--------------|---------|--------|---------|
| CLF7045NIT-1R0N-D | 1 | 1,900 | 0.732 | 0.0090 |
| CLF7045NIT-1R5N-D | 1.5 | 3,200 | 0.590 | 0.0100 |
| CLF7045NIT-2R2N-D | 2.2 | 3,900 | 0.604 | 0.0130 |
| CLF7045NIT-3R3N-D | 3.3 | 6,200 | 0.863 | 0.0160 |
| CLF7045NIT-4R7N-D | 4.7 | 6,300 | 1.801 | 0.0180 |
| CLF7045NIT-6R8N-D | 6.8 | 9,000 | 1.899 | 0.0220 |
| CLF7045NIT-100M-D | 10 | 9,500 | 2.486 | 0.0330 |
| CLF7045NIT-150M-D | 15 | 20,000 | 2.172 | 0.0550 |
| CLF7045NIT-220M-D | 22 | 24,000 | 2.660 | 0.0690 |
| CLF7045NIT-330M-D | 33 | 35,000 | 2.615 | 0.0970 |
| CLF7045NIT-470M-D | 47 | 48,000 | 2.853 | 0.1300 |
| CLF7045NIT-680M-D | 68 | 70,000 | 3.876 | 0.1700 |
| CLF7045NIT-101M-D | 100 | 120,000 | 5.071 | 0.2600 |
| CLF7045NIT-151M-D | 150 | 170,000 | 5.013 | 0.4300 |
| CLF7045NIT-221M-D | 220 | 170,000 | 4.852 | 0.5500 |
| CLF7045NIT-331M-D | 330 | 230,000 | 5.645 | 0.8000 |
| CLF7045NIT-471M-D | 470 | 200,000 | 7.059 | 1.2000 |