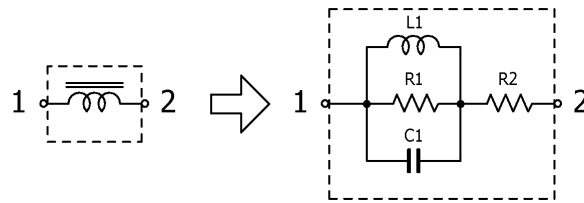


Inductors

Sep. 16, 2019
Simple Model

Automotive Grade for Decoupling Circuits / MLZ2012 series

Circuit Diagram



Circuit Parameters

| Part No. | L1[uH] | R1[ohm] | C1[pF] | R2[ohm] |
|------------------|--------|---------|--------|---------|
| MLZ2012DR10DTD25 | 0.1 | 430 | 1.114 | 0.0700 |
| MLZ2012DR22DTD25 | 0.22 | 1,200 | 1.474 | 0.1300 |
| MLZ2012DR47DTD25 | 0.47 | 3,200 | 1.043 | 0.1800 |
| MLZ2012A1R0WTD25 | 1 | 800 | 1.339 | 0.1000 |
| MLZ2012N1R0LTD25 | 1 | 460 | 1.031 | 0.0600 |
| MLZ2012M1R0HTD25 | 1 | 1,200 | 0.902 | 0.1000 |
| MLZ2012A1R5WTD25 | 1.5 | 1,200 | 1.356 | 0.1300 |
| MLZ2012N1R5LTD25 | 1.5 | 730 | 0.989 | 0.1000 |
| MLZ2012M1R5HTD25 | 1.5 | 1,700 | 1.263 | 0.1400 |
| MLZ2012A2R2WTD25 | 2.2 | 1,900 | 1.391 | 0.1500 |
| MLZ2012N2R2LTD25 | 2.2 | 990 | 1.121 | 0.1200 |
| MLZ2012M2R2HTD25 | 2.2 | 2,200 | 1.415 | 0.1600 |
| MLZ2012A3R3WTD25 | 3.3 | 3,100 | 1.466 | 0.3400 |
| MLZ2012N3R3LTD25 | 3.3 | 1,500 | 1.221 | 0.1500 |
| MLZ2012M3R3HTD25 | 3.3 | 3,400 | 1.548 | 0.2000 |
| MLZ2012N4R7LTD25 | 4.7 | 2,100 | 1.426 | 0.1900 |
| MLZ2012M4R7HTD25 | 4.7 | 4,300 | 1.574 | 0.3400 |
| MLZ2012M4R7WTD25 | 4.7 | 3,200 | 1.407 | 0.3000 |
| MLZ2012N6R8LTD25 | 6.8 | 2,800 | 1.914 | 0.2500 |
| MLZ2012M6R8HTD25 | 6.8 | 7,000 | 1.768 | 0.4000 |
| MLZ2012M6R8WTD25 | 6.8 | 5,300 | 1.526 | 0.4000 |
| MLZ2012M100HTD25 | 10 | 12,000 | 1.832 | 0.6800 |
| MLZ2012M100WTD25 | 10 | 8,100 | 1.966 | 0.4700 |
| MLZ2012N100LTD25 | 10 | 4,400 | 1.640 | 0.3000 |
| MLZ2012M150WTD25 | 15 | 14,000 | 1.544 | 0.9500 |
| MLZ2012N150LTD25 | 15 | 7,000 | 1.895 | 0.4700 |
| MLZ2012M220WTD25 | 22 | 24,000 | 1.939 | 2.0000 |
| MLZ2012N220LTD25 | 22 | 13,000 | 1.891 | 0.6700 |
| MLZ2012P220WTD25 | 22 | 30,000 | 1.926 | 0.6700 |
| MLZ2012M330WTD25 | 33 | 57,000 | 1.762 | 2.6000 |
| MLZ2012M470WTD25 | 47 | 92,000 | 2.175 | 3.7000 |
| MLZ2012N101LTD25 | 100 | 55,000 | 1.169 | 3.5000 |