

## Inductors

Sep. 16, 2019  
Simple Model

Commercial Grade for Standard Circuits / MLJ1608 series

### Circuit Diagram



### Circuit Parameters

| Part No.         | L1[ $\mu$ H] | R1[ohm] | C1[pF] | R2[ohm] |
|------------------|--------------|---------|--------|---------|
| MLJ1608WR10KT000 | 0.1          | 500     | 0.722  | 0.1000  |
| MLJ1608WR10JT000 | 0.1          | 500     | 0.722  | 0.1000  |
| MLJ1608WR12KT000 | 0.12         | 590     | 0.762  | 0.1100  |
| MLJ1608WR12JT000 | 0.12         | 590     | 0.762  | 0.1100  |
| MLJ1608WR15KT000 | 0.15         | 730     | 0.778  | 0.1200  |
| MLJ1608WR15JT000 | 0.15         | 730     | 0.778  | 0.1200  |
| MLJ1608WR16JT000 | 0.16         | 770     | 0.759  | 0.1200  |
| MLJ1608WR16KT000 | 0.16         | 770     | 0.759  | 0.1200  |
| MLJ1608WR18KT000 | 0.18         | 880     | 0.702  | 0.1500  |
| MLJ1608WR18JT000 | 0.18         | 880     | 0.702  | 0.1500  |
| MLJ1608WR22JT000 | 0.22         | 1,000   | 0.761  | 0.2000  |
| MLJ1608WR22KT000 | 0.22         | 1,000   | 0.761  | 0.2000  |
| MLJ1608WR27JT000 | 0.27         | 1,300   | 0.777  | 0.2200  |
| MLJ1608WR27KT000 | 0.27         | 1,300   | 0.777  | 0.2200  |
| MLJ1608WR33JT000 | 0.33         | 1,500   | 0.811  | 0.2400  |
| MLJ1608WR33KT000 | 0.33         | 1,500   | 0.811  | 0.2400  |
| MLJ1608WR39JT000 | 0.39         | 1,700   | 0.905  | 0.2800  |
| MLJ1608WR39KT000 | 0.39         | 1,700   | 0.905  | 0.2800  |
| MLJ1608WR47JT000 | 0.47         | 2,100   | 0.894  | 0.3800  |
| MLJ1608WR47KT000 | 0.47         | 2,100   | 0.894  | 0.3800  |
| MLJ1608WR56JT000 | 0.56         | 2,500   | 1.001  | 0.4000  |
| MLJ1608WR56KT000 | 0.56         | 2,500   | 1.001  | 0.4000  |