

Inductors

Sep. 16, 2019
Simple Model

Commercial Grade for Decoupling Circuits / MLZ1608 series

Circuit Diagram



Circuit Parameters

| Part No. | L1[uH] | R1[ohm] | C1[pF] | R2[ohm] |
|------------------|--------|---------|--------|---------|
| MLZ1608A1R5WT000 | 1.5 | 1,300 | 0.778 | 0.2100 |
| MLZ1608N1R5LT000 | 1.5 | 710 | 0.651 | 0.1400 |
| MLZ1608M3R3WT000 | 3.3 | 2,200 | 0.873 | 0.3300 |
| MLZ1608N3R3LT000 | 3.3 | 1,400 | 0.751 | 0.2700 |
| MLZ1608M6R8WT000 | 6.8 | 4,900 | 0.908 | 0.7400 |
| MLZ1608N6R8LT000 | 6.8 | 3,100 | 0.984 | 0.5000 |
| MLZ1608M150WT000 | 15 | 14,000 | 1.231 | 1.5000 |
| MLZ1608N150LT000 | 15 | 7,700 | 1.328 | 1.0200 |
| MLZ1608DR10DT000 | 0.1 | 450 | 0.719 | 0.1400 |
| MLZ1608DR22DT000 | 0.22 | 980 | 0.705 | 0.2700 |
| MLZ1608DR47DT000 | 0.47 | 2,500 | 0.799 | 0.4200 |
| MLZ1608A1R0WT000 | 1 | 750 | 0.787 | 0.1500 |
| MLZ1608N1R0LT000 | 1 | 450 | 0.557 | 0.1100 |
| MLZ1608A2R2WT000 | 2.2 | 1,800 | 1.043 | 0.2500 |
| MLZ1608N2R2LT000 | 2.2 | 980 | 0.643 | 0.1800 |
| MLZ1608M4R7WT000 | 4.7 | 3,100 | 1.178 | 0.5000 |
| MLZ1608N4R7LT000 | 4.7 | 2,000 | 0.814 | 0.3200 |
| MLZ1608M100WT000 | 10 | 7,700 | 1.439 | 1.0500 |
| MLZ1608N100LT000 | 10 | 4,100 | 1.190 | 0.6000 |
| MLZ1608M220WT000 | 22 | 33,000 | 1.912 | 2.4000 |
| MLZ1608N220LT000 | 22 | 10,000 | 0.936 | 1.6500 |