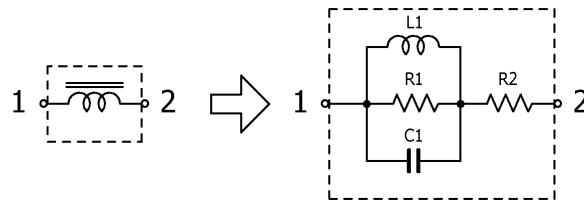


## Inductors

Apr. 9, 2020  
Simple Model

Commercial Grade for Power Circuits / MLP2520 series

### Circuit Diagram



### Circuit Parameters

| Part No.         | L1[ $\mu$ H] | R1[ohm] | C1[pF] | R2[ohm] |
|------------------|--------------|---------|--------|---------|
| MLP2520HR47MT0S1 | 0.47         | 510     | 1.401  | 0.0700  |
| MLP2520H1R0MT0S1 | 1            | 840     | 3.890  | 0.0750  |
| MLP2520H2R2MT0S1 | 2.2          | 1,600   | 3.070  | 0.0900  |
| MLP2520H3R3MT0S1 | 3.3          | 2,300   | 4.151  | 0.1300  |
| MLP2520H4R7MT0S1 | 4.7          | 2,400   | 3.951  | 0.1300  |
| MLP2520V1R0MT0S1 | 1            | 1,700   | 3.323  | 0.1000  |
| MLP2520V1R5MT0S1 | 1.5          | 1,800   | 2.841  | 0.1000  |
| MLP2520V2R2MT0S1 | 2.2          | 2,500   | 2.991  | 0.1200  |
| MLP2520V3R3MT0S1 | 3.3          | 3,500   | 2.691  | 0.2000  |
| MLP2520V4R7MT0S1 | 4.7          | 3,300   | 3.780  | 0.2400  |
| MLP2520V1R0ST0S1 | 1            | 1,800   | 3.085  | 0.1000  |
| MLP2520V1R5ST0S1 | 1.5          | 2,000   | 2.749  | 0.1000  |
| MLP2520V2R2ST0S1 | 2.2          | 2,500   | 3.260  | 0.1200  |
| MLP2520V4R7ST0S1 | 4.7          | 4,000   | 2.853  | 0.2200  |
| MLP2520S1R0MT0S1 | 1            | 1,100   | 2.855  | 0.0850  |
| MLP2520S1R5MT0S1 | 1.5          | 1,600   | 2.666  | 0.0900  |
| MLP2520S2R2MT0S1 | 2.2          | 1,700   | 2.190  | 0.0900  |
| MLP2520S3R3MT0S1 | 3.3          | 2,000   | 2.312  | 0.1500  |
| MLP2520S4R7MT0S1 | 4.7          | 1,700   | 2.838  | 0.1500  |
| MLP2520S100MT0S1 | 10           | 2,800   | 2.998  | 0.2800  |
| MLP2520S1R0ST0S1 | 1            | 1,600   | 3.001  | 0.0800  |
| MLP2520S2R2ST0S1 | 2.2          | 2,000   | 3.050  | 0.1100  |
| MLP2520S3R3ST0S1 | 3.3          | 1,900   | 2.301  | 0.1100  |
| MLP2520S4R7ST0S1 | 4.7          | 1,800   | 2.469  | 0.1100  |
| MLP2520S100ST0S1 | 10           | 3,000   | 2.472  | 0.2800  |