

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Commercial Grade for Power Circuits / MLP1608 series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[ $\mu$ H]	R1[ohm]	C1[pF]	R2[ohm]
MLP1608VR47BT0S1	0.47	1,000	0.908	0.2000
MLP1608VR47DT0S1	0.47	1,100	0.753	0.2200
MLP1608V1R0BT0S1	1.0	1,300	0.971	0.3000
MLP1608V1R0DT0S1	1.0	1,800	0.839	0.3000
MLP1608H2R2BT0S1	2.2	1,500	0.867	0.3000
MLP1608V2R2BT0S1	2.2	1,900	0.865	0.3600