

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / MLP2016 series

Circuit Diagram



Circuit Parameters

Part No.	L1[μ H]	R1[ohm]	C1[pF]	R2[ohm]
MLP2016HR47MT0S1	0.47	670	2.145	0.0550
MLP2016SR47MT0S1	0.47	690	2.193	0.0500
MLP2016VR47MT0S1	0.47	1,100	2.004	0.0700
MLP2016H1R0MT0S1	1.0	1,600	2.318	0.0900
MLP2016S1R0MT0S1	1.0	1,500	2.168	0.0900
MLP2016V1R0MT0S1	1.0	2,200	2.048	0.1200
MLP2016H1R5MT0S1	1.5	1,700	2.624	0.1100
MLP2016S1R5MT0S1	1.5	1,500	2.050	0.0900
MLP2016V1R5MT0S1	1.5	2,800	2.184	0.1400
MLP2016H2R2MT0S1	2.2	1,700	2.557	0.1100
MLP2016S2R2MT0S1	2.2	2,000	2.095	0.1100
MLP2016V2R2MT0S1	2.2	2,800	2.152	0.1700
MLP2016H3R3MT0S1	3.3	2,200	2.949	0.1300
MLP2016H4R7MT0S1	4.7	3,500	2.656	0.1600
MLP2016S4R7MT0S1	4.7	2,800	2.498	0.2700