

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / TMS252012ALM series

Circuit Diagram



Circuit Parameters

Part No.	L1[μ H]	R1[ohm]	C1[pF]	R2[ohm]
TMS252012ALM-47NNTAA	0.047	97	3.865	0.0030
TMS252012ALM-R10MTAA	0.10	160	4.591	0.0040
TMS252012ALM-R15MTAA	0.15	240	5.064	0.0060
TMS252012ALM-R22MTAA	0.22	490	2.785	0.0080
TMS252012ALM-R33MTAA	0.33	550	3.900	0.0130
TMS252012ALM-R47MTAA	0.47	660	4.576	0.0190
TMS252012ALM-R68MTAA	0.68	1,100	2.950	0.0260
TMS252012ALM-1R0MTAA	1.0	1,700	2.886	0.0350
TMS252012ALM-1R5MTAA	1.5	2,200	2.780	0.0520
TMS252012ALM-2R2MTAA	2.2	2,900	3.167	0.0750
TMS252012ALM-3R3MTAA	3.3	3,800	3.979	0.1240
TMS252012ALM-4R7MTAA	4.7	5,600	3.080	0.1800