

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / SPM5012-LR series

Circuit Diagram



Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
SPM5012T-R47M-LR	0.47	970	3.171	0.0210
SPM5012T-1R0M-LR	1.0	1,100	7.876	0.0320
SPM5012T-1R5M-LR	1.5	2,400	5.700	0.0420
SPM5012T-2R2M-LR	2.2	2,200	9.212	0.0615
SPM5012T-3R3M-LR	3.3	5,600	5.459	0.1000
SPM5012T-4R7M-LR	4.7	7,600	6.545	0.1410
SPM5012T-6R8M-LR	6.8	13,000	5.655	0.2300
SPM5012T-100M-LR	10	14,000	7.539	0.3550