

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Automotive Grade for Power Circuits / SPM5030VC-D series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[ $\mu$ H]	R1[ohm]	C1[pF]	R2[ohm]
SPM5030VC-R10M-D	0.10	220	1.489	0.0025
SPM5030VC-R15M-D	0.15	260	2.241	0.0030
SPM5030VC-R22M-D	0.22	400	2.142	0.0042
SPM5030VC-R33M-D	0.33	470	4.586	0.0041
SPM5030VC-R47M-D	0.47	650	4.152	0.0053
SPM5030VC-R68M-D	0.68	910	4.412	0.0072
SPM5030VC-1R0M-D	1.0	1,300	5.017	0.0093
SPM5030VC-1R5M-D	1.5	1,900	6.033	0.0142
SPM5030VC-2R2M-D	2.2	2,600	6.401	0.0194
SPM5030VC-3R3M-D	3.3	3,800	7.063	0.0325
SPM5030VC-4R7M-D	4.7	5,400	5.851	0.0573