

## Inductors

Jan. 22, 2019  
Simple Model

Automotive Grade for Power Circuits / SPM10054-HZ series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
SPM10054T-R47M-HZ	0.47	510	13.505	0.0015
SPM10054T-R68M-HZ	0.68	770	13.675	0.0019
SPM10054T-1R0M-HZ	1	1,000	16.547	0.0024
SPM10054T-1R5M-HZ	1.5	1,200	17.568	0.0049
SPM10054T-2R5M-HZ	2.5	2,300	20.487	0.0060
SPM10054T-3R3M-HZ	3.3	1,800	24.303	0.0071
SPM10054T-4R7M-HZ	4.7	3,800	20.770	0.0110
SPM10054T-6R8M-HZ	6.8	5,600	22.132	0.0162
SPM10054T-100M-HZ	10	5,700	25.302	0.0221
SPM10054T-150M-HZ	15	8,800	27.542	0.0308
SPM10054T-220M-HZ	22	12,000	27.789	0.0478
SPM10054T-330M-HZ	33	18,000	28.553	0.0747
SPM10054T-470M-HZ	47	21,000	31.174	0.1101
SPM10054T-680M-HZ	68	24,000	36.341	0.1481