

## Inductors

Apr. 6, 2023  
Simple Model

Automotive Grade for Power Circuits / SPM12565VT-D series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
SPM12565VT-1R0M-D	1.0	900	14.479	0.0022
SPM12565VT-1R5M-D	1.5	1,800	14.181	0.0028
SPM12565VT-2R2M-D	2.2	2,000	18.790	0.0034
SPM12565VT-3R3M-D	3.3	2,800	20.510	0.0049
SPM12565VT-4R7M-D	4.7	4,000	18.451	0.0071
SPM12565VT-6R8M-D	6.8	4,200	20.399	0.0103
SPM12565VT-100M-D	10	6,300	20.902	0.0170
SPM12565VT-150M-D	15	7,800	28.251	0.0209
SPM12565VT-220M-D	22	12,000	25.296	0.0310