

## Inductors

Aug. 18, 2020  
Simple Model

Automotive Grade for Power Circuits / SPM6545VT-D series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[ $\mu$ H]	R1[ohm]	C1[pF]	R2[ohm]
SPM6545VT-R15M-D	0.15	430	3.036	0.0019
SPM6545VT-1R0M-D	1.0	1,500	7.334	0.0056
SPM6545VT-1R5M-D	1.5	2,000	8.799	0.0074
SPM6545VT-2R2M-D	2.2	2,700	8.966	0.0104
SPM6545VT-3R3M-D	3.3	2,200	14.291	0.0171
SPM6545VT-4R7M-D	4.7	7,000	6.516	0.0220
SPM6545VT-6R8M-D	6.8	6,200	9.711	0.0360
SPM6545VT-100M-D	10	10,000	8.641	0.0523
SPM6545VT-150M-D	15	11,000	11.968	0.0720
SPM6545VT-220M-D	22	16,000	10.686	0.0946
SPM6545VT-330M-D	33	20,000	13.570	0.1320
SPM6545VT-470M-D	47	29,000	13.253	0.2290
SPM6545VT-680M-D	68	29,000	12.130	0.3400