

SMD / SMT Inductors (Coils)

Feb. 14, 2025
Simple Model

Automotive Grade for Power Circuits / SPM6550-HZR series

Circuit Diagram



Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
SPM6550T-R33M-HZR	0.33	550	7.083	0.0021
SPM6550T-R47M-HZR	0.47	750	6.905	0.0024
SPM6550T-R68M-HZR	0.68	1,000	7.175	0.0029
SPM6550T-1R0M-HZR	1.0	1,600	7.778	0.0046
SPM6550T-1R5M-HZR	1.5	2,400	8.552	0.0074
SPM6550T-2R2M-HZR	2.2	3,100	8.713	0.0111
SPM6550T-3R3M-HZR	3.3	4,300	10.874	0.0174
SPM6550T-4R7M-HZR	4.7	4,200	15.004	0.0221
SPM6550T-6R8M-HZR	6.8	7,900	13.203	0.0387
SPM6550T-100M-HZR	10	10,000	14.847	0.0530
SPM6550T-150M-HZR	15	17,000	10.884	0.1031
SPM6550T-220M-HZR	22	21,000	14.125	0.1205