

SMD / SMT Inductors (Coils)

May 23, 2024
Simple Model

Automotive Grade for Power Circuits / SPM10054-HZR series

Circuit Diagram



Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
SPM10054T-R47M-HZR	0.47	790	11.213	0.0015
SPM10054T-R68M-HZR	0.68	570	19.992	0.0019
SPM10054T-1R0M-HZR	1.0	1,200	13.049	0.0024
SPM10054T-1R5M-HZR	1.5	1,700	16.109	0.0049
SPM10054T-2R5M-HZR	2.5	3,100	15.996	0.0068
SPM10054T-3R3M-HZR	3.3	1,700	21.155	0.0078
SPM10054T-4R7M-HZR	4.7	6,400	13.424	0.0127
SPM10054T-6R8M-HZR	6.8	2,700	28.666	0.0162
SPM10054T-100M-HZR	10	5,300	24.373	0.0221
SPM10054T-150M-HZR	15	14,000	20.416	0.0347
SPM10054T-220M-HZR	22	21,000	20.654	0.0518
SPM10054T-330M-HZR	33	27,000	27.457	0.0747
SPM10054T-470M-HZR	47	22,000	40.066	0.1101
SPM10054T-680M-HZR	68	73,000	27.671	0.1481