

## SMD / SMT Inductors (Coils)

Aug. 21, 2025  
Simple Model

Automotive Grade for Power Circuits / SPM10040-HZR series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
SPM10040T-R47M-HZR	0.47	540	14.064	0.0018
SPM10040T-R68M-HZR	0.68	710	16.724	0.0024
SPM10040T-1R0M-HZR	1.0	1,400	11.886	0.0035
SPM10040T-1R5M-HZR	1.5	1,600	15.238	0.0039
SPM10040T-2R2M-HZR	2.2	2,400	15.879	0.0072
SPM10040T-3R3M-HZR	3.3	2,500	15.950	0.0100
SPM10040T-4R7M-HZR	4.7	5,400	16.725	0.0144
SPM10040T-6R8M-HZR	6.8	7,300	18.378	0.0240
SPM10040T-100M-HZR	10	10,000	19.616	0.0293
SPM10040T-150M-HZR	15	13,000	23.687	0.0450
SPM10040T-220M-HZR	22	21,000	17.134	0.0718