

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Commercial Grade for Power Circuits / VLCF5024-2 series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLCF5024T-1R8N1R8-2	1.8	3,000	1.156	0.0220
VLCF5024T-2R7N1R5-2	2.7	3,900	1.804	0.0270
VLCF5024T-3R3N1R4-2	3.3	4,100	2.834	0.0320
VLCF5024T-4R7N1R3-2	4.7	6,000	2.324	0.0380
VLCF5024T-6R8N1R1-2	6.8	7,400	2.246	0.0530
VLCF5024T-100MR88-2	10	8,400	4.293	0.0800
VLCF5024T-150MR71-2	15	19,000	1.245	0.1330
VLCF5024T-220MR59-2	22	21,000	1.203	0.1640
VLCF5024T-330MR50-2	33	34,000	1.449	0.2390
VLCF5024T-470MR40-2	47	44,000	1.763	0.3330
VLCF5024T-101MR28-2	100	97,000	1.669	0.7620