

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / VLCF5020 series

Circuit Diagram



Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLCF5020T-1R8N2R0	1.8	2,100	1.045	0.0490
VLCF5020T-2R7N1R7	2.7	3,600	1.072	0.0580
VLCF5020T-3R3N1R6	3.3	3,100	1.677	0.0690
VLCF5020T-4R7N1R4	4.7	7,200	1.048	0.0790
VLCF5020T-6R8N1R1	6.8	7,400	1.398	0.1020
VLCF5020T-100MR87	10	12,000	1.268	0.1510
VLCF5020T-150MR71	15	11,000	1.766	0.2140
VLCF5020T-220MR58	22	24,000	1.361	0.3110
VLCF5020T-330MR48	33	26,000	1.684	0.4350
VLCF5020T-470MR40	47	29,000	2.044	0.6230
VLCF5020T-101MR27	100	63,000	1.790	1.3750