

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / VLCF5020-1 series

Circuit Diagram



Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLCF5020T-2R2N2R6-1	2.2	3,800	1.071	0.0580
VLCF5020T-2R7N2R2-1	2.7	5,600	1.286	0.0690
VLCF5020T-3R3N2R0-1	3.3	4,900	1.412	0.0790
VLCF5020T-4R7N1R7-1	4.7	9,900	1.346	0.1020
VLCF5020T-6R8N1R3-1	6.8	6,000	1.790	0.1380
VLCF5020T-100M1R1-1	10	13,000	1.617	0.1980
VLCF5020T-150MR90-1	15	21,000	1.572	0.2920
VLCF5020T-220MR75-1	22	31,000	1.596	0.4130
VLCF5020T-330MR62-1	33	39,000	1.717	0.5970
VLCF5020T-470MR51-1	47	44,000	1.979	0.8750