

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / VLCF4018-2 series

Circuit Diagram



Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLCF4018T-1R6N1R7-2	1.6	3,100	0.765	0.0440
VLCF4018T-2R2N1R4-2	2.2	4,200	1.045	0.0520
VLCF4018T-3R3N1R2-2	3.3	5,900	1.023	0.0690
VLCF4018T-4R7N1R0-2	4.7	7,800	0.825	0.0880
VLCF4018T-6R8NR94-2	6.8	11,000	1.024	0.1080
VLCF4018T-100MR74-2	10	12,000	1.115	0.1630
VLCF4018T-150MR59-2	15	22,000	1.216	0.2330
VLCF4018T-220MR49-2	22	28,000	1.267	0.3210
VLCF4018T-330MR42-2	33	33,000	1.373	0.4690
VLCF4018T-470MR34-2	47	45,000	1.264	0.6610