

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Power Circuits / VLCF5028-2 series

Circuit Diagram



Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
VLCF5028T-1R3N2R5-2	1.3	2,600	0.769	0.0190
VLCF5028T-1R8N2R2-2	1.8	2,500	1.352	0.0230
VLCF5028T-2R7N1R8-2	2.7	3,300	3.473	0.0280
VLCF5028T-3R3N1R7-2	3.3	3,900	2.934	0.0320
VLCF5028T-4R7N1R5-2	4.7	5,900	2.514	0.0380
VLCF5028T-6R8N1R3-2	6.8	8,000	3.521	0.0480
VLCF5028T-100M1R0-2	10	9,100	5.305	0.0720
VLCF5028T-150MR85-2	15	12,000	6.121	0.1000
VLCF5028T-220MR71-2	22	18,000	6.093	0.1300
VLCF5028T-330MR62-2	33	25,000	1.429	0.2100
VLCF5028T-470MR49-2	47	44,000	1.692	0.2900
VLCF5028T-560MR43-2	56	44,000	2.187	0.3600
VLCF5028T-680MR40-2	68	53,000	2.458	0.4000
VLCF5028T-101MR33-2	100	84,000	1.982	0.5800
VLCF5028T-221MR22-2	220	190,000	2.368	1.2000
VLCF5028T-471MR14-2	470	440,000	2.273	2.7100