

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Automotive Grade for Power Circuits / CLF5030NI-D series

Circuit Diagram



Circuit Parameters

Part No.	L1[μ H]	R1[ohm]	C1[pF]	R2[ohm]
CLF5030NIT-1R0N-D	1.0	3,100	0.624	0.0190
CLF5030NIT-1R5N-D	1.5	4,000	0.931	0.0230
CLF5030NIT-2R2N-D	2.2	5,600	0.645	0.0300
CLF5030NIT-3R3N-D	3.3	8,000	0.872	0.0400
CLF5030NIT-4R7N-D	4.7	11,000	0.780	0.0600
CLF5030NIT-6R8N-D	6.8	13,000	1.218	0.0750
CLF5030NIT-100M-D	10	19,000	1.187	0.0950
CLF5030NIT-150M-D	15	22,000	1.341	0.1400
CLF5030NIT-220M-D	22	38,000	1.302	0.2000
CLF5030NIT-330M-D	33	43,000	2.016	0.3100
CLF5030NIT-470M-D	47	53,000	2.011	0.4350
CLF5030NIT-680M-D	68	83,000	2.615	0.5300
CLF5030NIT-101M-D	100	120,000	2.518	0.8800
CLF5030NIT-151M-D	150	160,000	2.653	1.2900
CLF5030NIT-221M-D	220	250,000	2.839	2.5300
CLF5030NIT-331M-D	330	430,000	3.584	3.4000
CLF5030NIT-471M-D	470	460,000	3.590	4.4000