

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Automotive Grade for Power Circuits / CLF7045NI-D series

Circuit Diagram



Circuit Parameters

Part No.	L1[μ H]	R1[ohm]	C1[pF]	R2[ohm]
CLF7045NIT-1R0N-D	1.0	1,900	0.732	0.0090
CLF7045NIT-1R5N-D	1.5	3,200	0.590	0.0100
CLF7045NIT-2R2N-D	2.2	3,900	0.604	0.0130
CLF7045NIT-3R3N-D	3.3	6,200	0.863	0.0160
CLF7045NIT-4R7N-D	4.7	6,300	1.801	0.0180
CLF7045NIT-6R8N-D	6.8	9,000	1.899	0.0220
CLF7045NIT-100M-D	10	9,500	2.486	0.0330
CLF7045NIT-150M-D	15	20,000	2.172	0.0550
CLF7045NIT-220M-D	22	24,000	2.660	0.0690
CLF7045NIT-330M-D	33	35,000	2.615	0.0970
CLF7045NIT-470M-D	47	48,000	2.853	0.1300
CLF7045NIT-680M-D	68	70,000	3.876	0.1700
CLF7045NIT-101M-D	100	120,000	5.071	0.2600
CLF7045NIT-151M-D	150	170,000	5.013	0.4300
CLF7045NIT-221M-D	220	170,000	4.852	0.5500
CLF7045NIT-331M-D	330	230,000	5.645	0.8000
CLF7045NIT-471M-D	470	200,000	7.059	1.2000