

## Inductors

Jan. 22, 2019  
Simple Model

Automotive Grade for Power Circuits / CLF6045NI-D series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[ $\mu$ H]	R1[ohm]	C1[pF]	R2[ohm]
CLF6045NIT-1R0N-D	1	1,900	0.799	0.0110
CLF6045NIT-1R5N-D	1.5	2,800	0.592	0.0130
CLF6045NIT-2R2N-D	2.2	4,000	0.941	0.0150
CLF6045NIT-3R3N-D	3.3	5,700	0.956	0.0190
CLF6045NIT-4R7N-D	4.7	6,600	1.431	0.0230
CLF6045NIT-6R8N-D	6.8	8,600	1.220	0.0270
CLF6045NIT-100M-D	10	13,000	1.294	0.0350
CLF6045NIT-150M-D	15	17,000	1.777	0.0600
CLF6045NIT-220M-D	22	19,000	2.116	0.0750
CLF6045NIT-330M-D	33	30,000	2.388	0.1000
CLF6045NIT-470M-D	47	51,000	2.124	0.1300
CLF6045NIT-680M-D	68	71,000	2.149	0.2000
CLF6045NIT-101M-D	100	120,000	2.438	0.3200
CLF6045NIT-151M-D	150	200,000	3.093	0.4800
CLF6045NIT-221M-D	220	280,000	3.274	0.7200
CLF6045NIT-331M-D	330	290,000	4.047	0.9200
CLF6045NIT-471M-D	470	300,000	5.037	1.3000