

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Commercial Grade for Standard Circuits / NLV32-EF series (1/2)

### Circuit Diagram



### Circuit Parameters

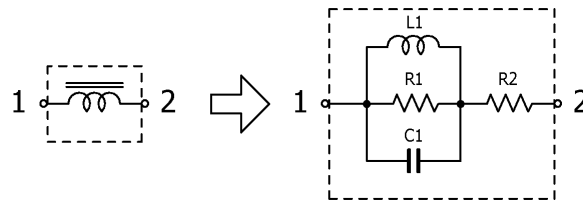
Part No.	L1[μH]	R1[ohm]	C1[pF]	R2[ohm]
NLV32T-010J-EF	0.010	8,300	0.314	0.0783
NLV32T-012J-EF	0.012	9,800	0.311	0.1072
NLV32T-015J-EF	0.015	11,000	0.329	0.0937
NLV32T-018J-EF	0.018	15,000	0.271	0.1248
NLV32T-022J-EF	0.022	15,000	0.303	0.1281
NLV32T-027J-EF	0.027	18,000	0.300	0.1540
NLV32T-033J-EF	0.033	20,000	0.295	0.1521
NLV32T-039J-EF	0.039	24,000	0.309	0.1390
NLV32T-047J-EF	0.047	25,000	0.309	0.1701
NLV32T-056J-EF	0.056	32,000	0.289	0.1678
NLV32T-068J-EF	0.068	36,000	0.275	0.2578
NLV32T-082J-EF	0.082	23,000	0.279	0.2610
NLV32T-R10J-EF	0.10	28,000	0.263	0.3249
NLV32T-R12J-EF	0.12	1,900	0.326	0.1344
NLV32T-R15J-EF	0.15	2,400	0.305	0.1648
NLV32T-R18J-EF	0.18	3,100	0.313	0.1655
NLV32T-R22J-EF	0.22	3,800	0.291	0.1643
NLV32T-R27J-EF	0.27	5,200	0.293	0.2483
NLV32T-R33J-EF	0.33	6,300	0.290	0.1534
NLV32T-R39J-EF	0.39	7,800	0.287	0.1396
NLV32T-R47J-EF	0.47	10,000	0.302	0.1717
NLV32T-R56J-EF	0.56	14,000	0.338	0.1680
NLV32T-R68J-EF	0.68	17,000	0.614	0.2591
NLV32T-R82J-EF	0.82	23,000	0.600	0.2614
NLV32T-1R0J-EF	1.0	4,500	0.196	0.3578
NLV32T-1R2J-EF	1.2	5,100	0.220	0.4025
NLV32T-1R5J-EF	1.5	6,200	0.334	0.4437
NLV32T-1R8J-EF	1.8	6,700	0.560	0.4852
NLV32T-2R2J-EF	2.2	8,100	0.729	0.5269
NLV32T-2R7J-EF	2.7	8,400	1.413	0.6051
NLV32T-3R3J-EF	3.3	10,000	1.570	0.6561
NLV32T-3R9J-EF	3.9	11,000	1.793	0.7305
NLV32T-4R7J-EF	4.7	12,000	1.511	0.8200
NLV32T-5R6J-EF	5.6	14,000	1.652	0.8975
NLV32T-6R8J-EF	6.8	18,000	1.465	0.9840
NLV32T-8R2J-EF	8.2	23,000	1.360	1.1053

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Commercial Grade for Standard Circuits / NLV32-EF series (2/2)

### Circuit Diagram



### Circuit Parameters

Part No.	L1[ $\mu$ H]	R1[ohm]	C1[pF]	R2[ohm]
NLV32T-100J-EF	10	24,000	2.080	1.7712
NLV32T-120J-EF	12	27,000	1.817	1.9787
NLV32T-150J-EF	15	34,000	1.771	2.2194
NLV32T-180J-EF	18	43,000	1.856	2.4877
NLV32T-220J-EF	22	46,000	1.908	2.8202
NLV32T-270J-EF	27	62,000	1.776	3.8976
NLV32T-330J-EF	33	69,000	1.541	4.3845
NLV32T-390J-EF	39	87,000	1.591	4.8552
NLV32T-470J-EF	47	81,000	1.521	5.5188
NLV32T-560J-EF	56	100,000	1.718	6.0946
NLV32T-680J-EF	68	110,000	1.498	6.9775
NLV32T-820J-EF	82	140,000	1.494	8.5296
NLV32T-101J-EF	100	80,000	1.368	7.8959
NLV32T-121J-EF	120	89,000	1.342	9.2724
NLV32T-151J-EF	150	100,000	1.347	12.1190
NLV32T-181J-EF	180	110,000	1.351	13.6667
NLV32T-221J-EF	220	120,000	1.555	16.8967
NLV32T-271J-EF	270	100,000	1.637	12.6430
NLV32T-331J-EF	330	120,000	1.544	14.5237
NLV32T-391J-EF	390	130,000	1.664	16.2853
NLV32T-471J-EF	470	150,000	1.587	21.0427