

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Standard Circuits / NLV25-EF series (1/2)

Circuit Diagram



Circuit Parameters

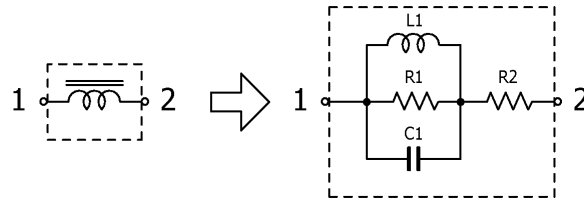
Part No.	L1[μH]	R1[ohm]	C1[pF]	R2[ohm]
NLV25T-010J-EF	0.010	8,400	0.282	0.1750
NLV25T-012J-EF	0.012	9,600	0.272	0.1916
NLV25T-015J-EF	0.015	12,000	0.254	0.2108
NLV25T-018J-EF	0.018	13,000	0.266	0.1863
NLV25T-022J-EF	0.022	16,000	0.254	0.2049
NLV25T-027J-EF	0.027	18,000	0.242	0.2864
NLV25T-033J-EF	0.033	20,000	0.259	0.2553
NLV25T-039J-EF	0.039	24,000	0.251	0.2268
NLV25T-047J-EF	0.047	27,000	0.227	0.3935
NLV25T-056J-EF	0.056	32,000	0.241	0.2914
NLV25T-068J-EF	0.068	37,000	0.234	0.3228
NLV25T-082J-EF	0.082	38,000	0.219	0.5436
NLV25T-R10J-EF	0.10	29,000	0.197	0.6043
NLV25T-R12J-EF	0.12	950	0.203	0.1625
NLV25T-R15J-EF	0.15	1,100	0.186	0.1771
NLV25T-R18J-EF	0.18	1,300	0.208	0.1940
NLV25T-R22J-EF	0.22	1,600	0.208	0.2642
NLV25T-R27J-EF	0.27	2,100	0.195	0.2379
NLV25T-R33J-EF	0.33	2,400	0.202	0.3192
NLV25T-R39J-EF	0.39	2,700	0.189	0.2831
NLV25T-R47J-EF	0.47	3,200	0.198	0.3132
NLV25T-R56J-EF	0.56	3,800	0.179	0.3433
NLV25T-R68J-EF	0.68	4,400	0.186	0.3740
NLV25T-R82J-EF	0.82	5,200	0.179	0.5125
NLV25T-1R0J-EF	1.0	5,400	0.175	0.6751
NLV25T-1R2J-EF	1.2	5,900	0.179	0.7312
NLV25T-1R5J-EF	1.5	7,000	0.273	0.8419
NLV25T-1R8J-EF	1.8	8,200	0.301	0.8965
NLV25T-2R2J-EF	2.2	7,900	0.814	0.9867
NLV25T-2R7J-EF	2.7	9,000	0.812	1.1041
NLV25T-3R3J-EF	3.3	9,700	1.448	1.2355
NLV25T-3R9J-EF	3.9	11,000	1.585	1.3457
NLV25T-4R7J-EF	4.7	13,000	1.453	1.4841
NLV25T-5R6J-EF	5.6	15,000	1.341	1.6344
NLV25T-6R8J-EF	6.8	18,000	1.280	1.8513
NLV25T-8R2J-EF	8.2	21,000	1.444	2.0427

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Standard Circuits / NLV25-EF series (2/2)

Circuit Diagram



Circuit Parameters

Part No.	L1[μ H]	R1[ohm]	C1[pF]	R2[ohm]
NLV25T-100J-EF	10	26,000	1.351	2.2839
NLV25T-120J-EF	12	29,000	1.403	2.5468
NLV25T-150J-EF	15	34,000	1.450	2.9904
NLV25T-180J-EF	18	38,000	1.415	3.2663
NLV25T-220J-EF	22	36,000	1.333	3.7038
NLV25T-270J-EF	27	39,000	1.402	4.2894
NLV25T-330J-EF	33	45,000	1.299	4.7176
NLV25T-390J-EF	39	49,000	1.682	6.7945
NLV25T-470J-EF	47	53,000	1.578	7.4629
NLV25T-560J-EF	56	55,000	1.556	8.6237
NLV25T-680J-EF	68	70,000	1.418	11.0445
NLV25T-820J-EF	82	75,000	1.515	12.4610
NLV25T-101J-EF	100	79,000	1.562	14.1950