

## Inductors

Jan. 22, 2019  
Simple Model

Automotive Grade for Standard Circuits / NLV25-EFD series (1/2)

### Circuit Diagram



### Circuit Parameters

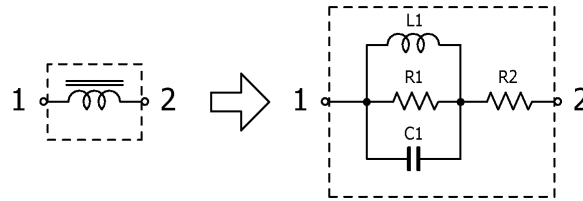
| Part No.        | L1[ $\mu$ H] | R1[ohm] | C1[pF] | R2[ohm] |
|-----------------|--------------|---------|--------|---------|
| NLV25T-010J-EFD | 0.01         | 8,400   | 0.282  | 0.1750  |
| NLV25T-012J-EFD | 0.012        | 9,600   | 0.272  | 0.1916  |
| NLV25T-015J-EFD | 0.015        | 12,000  | 0.254  | 0.2108  |
| NLV25T-018J-EFD | 0.018        | 13,000  | 0.266  | 0.1863  |
| NLV25T-022J-EFD | 0.022        | 16,000  | 0.254  | 0.2049  |
| NLV25T-027J-EFD | 0.027        | 18,000  | 0.242  | 0.2864  |
| NLV25T-033J-EFD | 0.033        | 20,000  | 0.259  | 0.2553  |
| NLV25T-039J-EFD | 0.039        | 24,000  | 0.251  | 0.2268  |
| NLV25T-047J-EFD | 0.047        | 27,000  | 0.227  | 0.3935  |
| NLV25T-056J-EFD | 0.056        | 32,000  | 0.241  | 0.2914  |
| NLV25T-068J-EFD | 0.068        | 37,000  | 0.234  | 0.3228  |
| NLV25T-082J-EFD | 0.082        | 38,000  | 0.219  | 0.5436  |
| NLV25T-R10J-EFD | 0.1          | 29,000  | 0.197  | 0.6043  |
| NLV25T-R12J-EFD | 0.12         | 950     | 0.203  | 0.1625  |
| NLV25T-R15J-EFD | 0.15         | 1,100   | 0.186  | 0.1771  |
| NLV25T-R18J-EFD | 0.18         | 1,300   | 0.208  | 0.1940  |
| NLV25T-R22J-EFD | 0.22         | 1,600   | 0.208  | 0.2642  |
| NLV25T-R27J-EFD | 0.27         | 2,100   | 0.195  | 0.2379  |
| NLV25T-R33J-EFD | 0.33         | 2,400   | 0.202  | 0.3192  |
| NLV25T-R39J-EFD | 0.39         | 2,700   | 0.189  | 0.2831  |
| NLV25T-R47J-EFD | 0.47         | 3,200   | 0.198  | 0.3132  |
| NLV25T-R56J-EFD | 0.56         | 3,800   | 0.179  | 0.3433  |
| NLV25T-R68J-EFD | 0.68         | 4,400   | 0.186  | 0.3740  |
| NLV25T-R82J-EFD | 0.82         | 5,200   | 0.179  | 0.5125  |
| NLV25T-1R0J-EFD | 1            | 5,400   | 0.175  | 0.6751  |
| NLV25T-1R2J-EFD | 1.2          | 5,900   | 0.179  | 0.7312  |
| NLV25T-1R5J-EFD | 1.5          | 7,000   | 0.273  | 0.8419  |
| NLV25T-1R8J-EFD | 1.8          | 8,200   | 0.301  | 0.8965  |
| NLV25T-2R2J-EFD | 2.2          | 7,900   | 0.814  | 0.9867  |
| NLV25T-2R7J-EFD | 2.7          | 9,000   | 0.812  | 1.1041  |
| NLV25T-3R3J-EFD | 3.3          | 9,700   | 1.448  | 1.2355  |
| NLV25T-3R9J-EFD | 3.9          | 11,000  | 1.585  | 1.3457  |
| NLV25T-4R7J-EFD | 4.7          | 13,000  | 1.453  | 1.4841  |
| NLV25T-5R6J-EFD | 5.6          | 15,000  | 1.341  | 1.6344  |
| NLV25T-6R8J-EFD | 6.8          | 18,000  | 1.280  | 1.8513  |
| NLV25T-8R2J-EFD | 8.2          | 21,000  | 1.444  | 2.0427  |

## Inductors

Jan. 22, 2019  
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Automotive Grade for Standard Circuits / NLV25-EFD series (2/2)

### Circuit Diagram



### Circuit Parameters

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