

Inductor

inductor

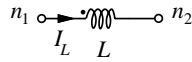


Figure 1: L — Inductor Element.

Form:

`inductor:⟨instance name⟩ n1 n2 ⟨parameter list⟩`

`n1` is the positive element node,

`n2` is the negative element node.

Parameters:

Parameter	Type	Default value	Required?
<code>inductor: Inductance value (H)</code>	DOUBLE	N/A	yes
<code>int_res: Internal resistance value (ohms)</code>	DOUBLE	1e-08	no
<code>time_d:Flag, if true, calculate in the time domain.</code>	BOOLEAN	false	no

Example:

```
inductor:l3 5 8 1mH
```

```
inductor:l1 1 2 l=1e-9 time_d=0
```

Notes:

This is the L element in the SPICE compatible netlist.

Version:

2000.09.01

Credits:

Name

Affiliation

Date

Links

Carlos E. Christofferson

NC State University

Sept 2000

[NC STATE UNIVERSITY](http://www.ncsu.edu)

cechrist@ieee.org

www.ncsu.edu