Inductor inductor

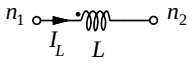

Figure 1: L — Inductor Element.

Form:
`inductor:`⟨`instance name`⟩ n_1 n_2 ⟨`parameter list`⟩
n_1 is the positive element node,

n_2 is the negative element node.
Parameters:

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

This was the original fREEDA inductor element, the preferred element to use is the `l` element which, as of March 2008, was exactly the same element as the inductor element. The 'inductor element will be phased out and maintained for now for compatibility with older netlists.

Version:
2000.09.01

Credits:

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