Resistor R

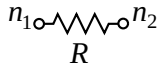

Figure 1: R — Resistor Element.

`SPICE` *Form:*

`R`*name* n_1 n_2 *ModelName ResistorValue* [`IC`=V_R]

n_1	is the positive element node,
n_2	is the negative element node,
ModelName	is the optional model name,
ResistorValue	(Units: ohms; Required)(Corresponds to `r` parameter in the TRANSIM netlist)
`IC`	is the optional initial condition specification. Using `IC`=V_R is used with the *UIC* option on the *.TRAN* line when a transient analysis is desired with initial voltage V_R across the capacitor rather than the quiescent operating point. Specification of the transient initial condition using the `.IC` is preferred and is more convenient.

Model Parameters:

Name	Description	Units	Default
R	Resistor Value	ohms	-

Example:

```
R  1  1 R1  10.2MEG
```

Notes:

The actual element is the `res` TRANSIM element. See TRANSIM element `res` for full documentation.

Credits:

Name	Affiliation	Date	Logo
Carlos E. Christofferson	NC State University	Sept 2000	NC STATE UNIVERSITY