RESISTOR

PURPOSE

Draws a (fixed value) resistor (a component used in electronic circuit diagrams).

DESCRIPTION

The 2 pairs of coordinates define the (x,y) values for the start point and the end point (respectively) of the resistor. The height of the wrinkles in the resistor is controlled by the HEIGHT command.

SYNTAX

RESISTOR <x1> <y1> <x2> <y2>

where <x1> is a number or parameter in the range 0 to 100 that specifies the x coordinate of the start point;

<y1> is a number or parameter in the range 0 to 100 that specifies the y coordinate of the start point;

<x2> is a number or parameter in the range 0 to 100 that specifies the x coordinate of the end point;

and   <y2> is a number or parameter in the range 0 to 100 that specifies the y coordinate of the end point.

EXAMPLES

RESISITOR 50 50 60 50
RESISTOR 50 50 60 60
RESISTOR 20 Y1 25 Y2
RESISTOR X1 Y1 X2 Y2

NOTE

The line style (i.e., solid, dash), color, and thickness of the resistor are controlled by the LINE, LINE COLOR, and LINE THICKNESS commands.

DEFAULT

None

SYNONYMS

None

RELATED COMMANDS

GROUND	=	Draws a ground.
AMPLIFIER	=	Draws an amplifier.
CAPACITOR	=	Draws a capacitor.
INDUCTOR	=	Draws an inductor.
RESISTOR	=	Draws a resistor.
DRAW	=	Draws a line.
MOVE	=	Moves to a point.
LINE	=	Sets the line type for figures and plot lines.
LINE THICKNESS	=	Sets the line thickness for figures and plot lines.
LINE COLOR	=	Sets the line colors for figures and plot lines.
CROSS-HAIR	=	Activates and reads the cross-hair.
TEXT	=	Writes a text string.

APPLICATIONS

Electronic circuit diagrams

IMPLEMENTATION DATE

Pre-1987

PROGRAM
    LINE SOLID
    LINE COLOR BLACK
    LINE THICKNESS 0.2
    RESISTOR 20 70 50 70
    MOVE 20 90
    TEXT RESISTOR COORDINATES (20,70), (50,70)

RESISTOR COORDINATES (20,70), (50,70)