

## CAPACITOR

### PURPOSE

Draws a (fixed value) capacitor (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 capacitor.

### SYNTAX

CAPACITOR <x1> <y1> <x2> <y2>

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

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

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

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

### EXAMPLES

CAPACITOR 50 50 60 60

CAPACITOR X1 40 X2 60

CAPACITOR 60 20 60 40

CAPACITOR X1 Y1 X2 Y2

### NOTE

The line style (i.e., solid, dash), color, and thickness of the arc are controlled by the LINE, LINE COLOR, and LINE THICKNESS commands. These commands are documented in the Plot Control chapter.

### DEFAULT

None

### SYNONYMS

None

### RELATED COMMANDS

AMPLIFIER	=	Draws an amplifier.
GROUND	=	Draws a ground.
INDUCTOR	=	Draws an inductor.
RESISTOR	=	Draws a resistor.
MOVE	=	Moves to a point.
DRAW	=	Draws a line.
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
CAPACITOR 20 70 50 70
MOVE 20 90
TEXT CAPACITOR COORDINATES (20,70), (50,70)
```

