CHARACTER THICKNESS

PURPOSE
Specifies the thickness of the line used to draw the characters to appear at the plot points of each trace on subsequent plots.

DESCRIPTION
This command only applies if the character is drawn with a software font. It is ignored when the character is drawn with hardware characters (i.e., the TEKTRONIX font). The thickness is specified in the vertical DATAPLOT 0 to 100 units. The thickness is typically between 0.05 and 0.3. The thickness command can be used for emphasis or to produce more readable text (e.g., using a thickness of around 0.2 tends to produce better output than the default when making transparencies).

SYNTAX
CHARACTER THICKNESS <thick> <thick> <thick> etc.
where <thick> is a decimal number or parameter in the range 0 to 100 that specifies the desired thickness. Up to 100 thicknesses can be specified.

EXAMPLES
CHARACTER THICKNESS 0.1 0.2 0.3
CHARACTER THICKNESS 0.2 0.2 0.2
CHARACTER THICKNESS 0.2 ALL

NOTE 1
The THICKNESS command sets the default thickness for the plot. The CHARACTER THICKNESS command is typically used to override the default thickness for the characters only.

NOTE 2
The CHARACTER THICKNESS command with no arguments sets the character thickness to default for all traces. The CHARACTER THICKNESS command with the word ALL before or after the specified thickness assigns that thickness to the characters on all traces. Thus CHARACTER FONT 0.2 ALL or CHARACTER FONT ALL 0.2 assigns the thickness 0.2 to the characters on all traces.

DEFAULT
All characters are drawn with a line thickness of 0.1.

SYNONYMS
None

RELATED COMMANDS
PLOT	=	Generates a data or function plot.
CHARACTER	=	Sets the types for plot characters.
CHARACTER ANGLE	=	Sets the angles for plot characters.
CHARACTER AUTOMATIC	=	Specifies a variable to be used as the arguments to the CHARACTER command.
CHARACTER CASE	=	Sets the cases for plot characters.
CHARACTER COLOR	=	Sets the colors for plot characters.
CHARACTER FILL	=	Sets the fill switches for plot characters.
CHARACTER FONT	=	Sets the fonts for plot characters.
CHARACTER HW	=	Sets the heights and widths for plot characters.
CHARACTER JUSTIFICATION	=	Sets the justifications for plot characters.
CHARACTER OFFSET	=	Sets the offsets for plot characters.
CHARACTER SIZES	=	Sets the sizes for plot characters.
CHARACTER WIDTH	=	Sets the widths for plot characters.
LINES	=	Sets the types for plot lines.
SPIKES	=	Sets the on/off switches for plot spikes.
BARS	=	Sets the on/off switches for plot bars.
THICKNESS	=	Sets all line thicknesses.
LINE THICKNESS	=	Sets the thicknesses for plot lines.

APPLICATIONS
Presentation Graphics

IMPLEMENTATION DATE
> 89/2

PROGRAM
> . POLLUTION SOURCE ANALYSIS, LLOYD CURRIE, DATE--1990
> . SUBSET OF CURRIE.DAT REFERENCE FILE
> LET ID2 = DATA 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2
> LET X = SEQUENCE 1 1 17
> LET LEAD = DATA ...
> > 164 426 59 98 312 263 607 497 213 54 160 262 547 325 419 94 70
> LET POT = DATA ...
> > 106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99
> LINE BLANK ALL
> CHARACTER CIRCLE CIRCLE SQUARE SQUARE
> CHARACTER THICKNESS 0.1 0.7 0.1 0.7
> CHARACTER SIZE 3.0 2.7 3.0 2.7
> LEGEND FONT SIMPLEX
> LEGEND 1 CIRC() - POTASSIUM
> LEGEND 2 SQUA() - LEAD
> TITLE DEMONSTRATE CHARACTER THICKNESS COMMAND
> TITLE SIZE 5
> PLOT POT X ID2 AND
> PLOT LEAD X ID2