BAR BORDER THICKNESS

PURPOSE
Specifies the thickness of the line used to draw the border for bars on subsequent plots.

DESCRIPTION
See the documentation for the BAR command for a description of the various types of bar charts that DATAPLOT can generate. Typical values for the thickness are between 0.1 (the default) and 0.3. Bar borders are specified by trace. All bars belonging to the same trace will have the same border line thickness.

SYNTAX
BAR BORDER THICKNESS <number> <number> <number> etc.

where <number> is a number or parameter in the decimal range 0 to 100 that specifies the desired line thickness. Up to 100 bar border thicknesses can be specified.

EXAMPLES
BAR BORDER THICKNESS 0.1 0.2 0.1 0.2
BAR BORDER THICKNESS 0.2 0.2 0.1
BAR BORDER THICKNESS 0.1 ALL
BAR BORDER THICKNESS

NOTE
The BAR BORDER THICKNESS command with no arguments sets the bar thickness to 0.1 for all traces. The BAR BORDER THICKNESS command with the word ALL before or after the specified thickness assigns that bar border line thickness to all bars; thus BAR BORDER THICKNESS 0.1 ALL or BAR BORDER THICKNESS ALL 0.1 plots all bar borders with a 0.1 line thickness.

DEFAULT
All bar border thicknesses are set to 0.1.

SYNONYMS
None

RELATED COMMANDS
PLOT	=	Generates a data or function plot.
CHARACTERS	=	Sets the character types for plot points.
LINES	=	Sets the line types for plot points.
SPIKES	=	Sets the on/off switches for plot spikes.
BAR	=	Sets the on/off switches for bars on plots
BAR BASE	=	Sets the base locations for bars on plots.
BAR FILL	=	Sets the on/off switches for plot bar fills.
BAR FILL COLOR	=	Sets the colors for bar fills.
BAR DIMENSION	=	Sets the bar dimensions to 2d or 3d.
BAR DIRECTION	=	Sets the bar directions to horizontal or vertical.
BAR PATTERN	=	Sets the types for bar fill patterns.
BAR PATTERN COLOR	=	Sets the colors for bar fill patterns.
BAR PATTERN LINE	=	Sets the line types for bar fill patterns.
BAR PATTERN SPACING	=	Sets the line spacings for bar fill patterns.
BAR PATTERN THICKNESS	=	Sets the line thicknesses for bar fill patterns.
BAR BORDER COLOR	=	Sets the colors for bar border lines.
BAR BORDER LINE	=	Sets the types for bar border lines.
BAR WIDTH	=	Sets the widths for plot bars.

APPLICATIONS
Presentation Graphics

IMPLEMENTATION DATE
Pre-1987

PROGRAM

    LET CARTER = DATA 66 30 11 43 44 41 35 82 54 36
    LET REAGAN = DATA 26 54 84 47 51 51 52 14 36 55
    LET X = DATA 1 2 3 5 6 7 8 10 11 12
    LET X1 = X - 0.22
    LET X2 = X + 0.22
    .
    HORIZONTAL SWITCH ON
    YLIMITS 1 12
    YTIC OFFSET 1 1
    Y1TIC MARK LABEL FORMAT ALPHA
    Y1TIC LABEL CONTENT DEMOCRATS INDEPENDENTS REPUBLICANS SP() EAST ...
        SOUTH MIDWEST WEST SP() BLACKS HISPANICS WHITES SP()
    MINOR Y1TIC MARK NUMBER 0
    X1LABEL PERCENT
    XLIMITS 0 100
    MAJOR XTIC MARK NUMBER 11
    MINOR XTIC MARK NUMBER 1
    .
    LINE BLANK BLANK
    BAR ON ON
    BAR WIDTH 0.2 ALL
    BAR BORDER THICKNESS 0.1 0.5
    TITLE DEMONSTRATE BAR BORDER THICKNESS; TITLE SIZE 5
    .
    PLOT CARTER X1 AND
    PLOT REAGAN X2