

Barcode properties	HTTP Parameters	Default	Comments
CodeText	code-text	""	<p>The data that is used to encode into PDF417 symbology. PDF417 symbology standards defines three data compaction modes to encode text, binary, and numbers. The encodable character set of PDF417 consist of:</p> <ul style="list-style-type: none"> • Text: encode values 9,10,13 & 32-127 of ASCII • Bytes: encode all 256 byte values of ASCII • Numeric: encode numeric digits: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
GraphicsUnit	graphics-unit	GraphicsUnit.Pixel	<p>The unit of measurement for all size related settings.</p> <ul style="list-style-type: none"> • 0: pixel • 1: cm • 2: inch <p>The default value is pixel.</p>
X	x	1	<p>The width of narrowest bar module of PDF417 symbol and the default value of X dimension is 1 pixels.</p> <p>The minimum width of a module, the X dimension, should be defined by the application specification</p>
XtoYRatio	x-y-ratio	3	<p>The ratio of the width of a module (X Dimension) to row height (Y). Valid ratio of X to Y ranges from 1:2 to 1:5, however, the recommended X to Y ratio is 1:3. Other popular ratios include 1:4 and 1:5.</p>
LeftMargin	left-margin	0	<p>The property to set the distance between the symbol and the left margin of a barcode image.</p>
RightMargin	right-	0	<p>The property to set the distance</p>

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	margin		between the symbol and the right margin of a barcode image.
TopMargin	top-margin	0	The property to customize the space between the symbol and the top margin on a barcode image
BottomMargin	bottom-margin	0	The property to change the space between the symbol and the bottom margin on a barcode image
Resolution	resolution	72	This property set the resolution in DPI of a barcode image to be drawn, and the default value that is set to printer is 72 pixels. You can adjust the value to get a custom resolution barcode image.
Rotate	rotate	0	<p>The Rotate property allows you changing the angle of a barcode. The valid values are:</p> <ul style="list-style-type: none"> • Rotate0: do not rotate the barcode • Rotate90: rotate the barcode 90 degrees clockwise • Rotate180: rotate the barcode 180 degrees clockwise • Rotate270: rotate the barcode 270 degrees clockwise
Format	format	ImageFormat.Png	<p>This is a method that is used for exporting barcode to different type of image formats. It allows developers generate barcode in formats like JPEG/JPG, BMP, GIF, and PNG.</p> <p>The default method is ImageFormat.Png. Image format type. Using System.Drawing.Imaging.ImageFormat</p>
ProcessTilde	process-	false	Set the processTilde property to

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	tilde		<p>true, if you want use the tilde character "~" to specify special characters in the input data. Default is false.</p> <p>~NNN: is used to represent the ASCII character with the value of NNN. NNN is from 000 - 255.</p>
DataMode	data-mode	PDF417DataMode.Text	<p>The data compaction modes of PDF417 symbology</p> <ul style="list-style-type: none"> • Auto: if set the DataMode as Auto, the PDF417 engine is going to use the appropriate data mode to encode the input data automatically • Text: if select the Text mode, the PDF417 engine is able to encode values 9,10,13 & 32-127 of ASCII characters • Bytes: the Byte compaction mode is capable of encoding all 256 possible 8-bit byte values of ASCII • Numeric: numeric compaction mode encodes numeric data strings only
ECL	ecl	PDF417ECL.ECL_2	<p>Error Correction Level. PDF417 uses different error correction levels to compensate for defects in the label and misreads in the decoding process. The values of PDF417 error correction levels range from 0 to 8 and the recommended level is 2. Default value is PDF417ECL.ECL_2 (2).</p>
RowCount	row-count	3	<p>The number of rows of a PDF417 barcode is selectable. Valid number of rows of a PDF417 symbol ranges from 3 to 90. The default value is 3</p>

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			rows.
ColumnCount	column-count	5	This is the number of columns of a PDF417 symbol. The amount of columns of a PDF417 symbol can be up to 30. The default number is 5 columns. Increase this value if your data size is large.
Truncated	truncated	false	Truncated PDF417, or Compact PDF417, reduces the right hand side of the symbol to improve the symbol density. This option is selected when the barcode is used where space considerations are a primary concern and symbol damage is unlikely.
Macro	macro	false	The Macro PDF417. If a very large amounts of data message need to be encoded into a PDF417 symbol, you can set the Macro property to be true, then Macro PDF417 is enabled.
MacroSegmentIndex	macro-segment-index	0	The position of current symbol in the MacroPDF417 sequence. Each barcode in the sequence is assigned a unique segment index, whose number starts from 0 to 99998.
MacroSegmentCount	macro-segment-count	0	The number of total symbols which make the sequence.
MacroFileIndex	macro-file-index	0	The MacroFileIndex is used to assign a file ID to the MacroPDF. For each related Macro PDF417 symbol, the file ID field contains the same value.