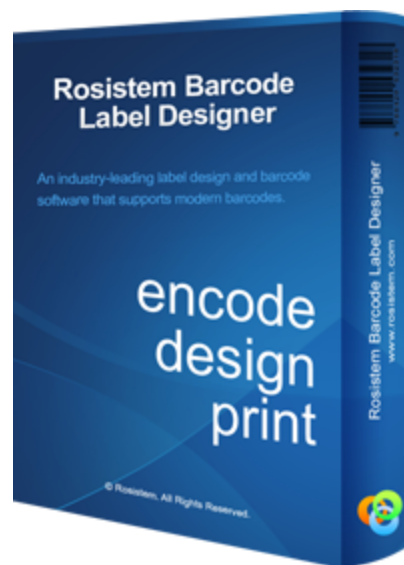


# Rosistem Barcode Label Designer

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Rosistem Barcode Label Designer software design and generate cards and labels with use of image designing objects including Line, Ellipse, Rectangle, Text, Arc, Star, Triangle, Barcode, Picture, WordArt objects.



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# Getting Started



# 1 Getting Started

**Rosistem Barcode Label Designer** is the industry-leading label design, barcode and printing software. It is feature rich yet extremely easy to use, making it the ideal tool for the print industry professionals. The following is an overview of the features provided by Rosistem Barcode Label Designer.

- **Supports** nearly all the industry widely used 1D and 2D barcodes. Accuracy and quality are the two key aspects of the bar code engine to produce the most recognizable barcodes in the industry.
- **Access** to most database platforms such as Microsoft Access, Microsoft Excel, FoxPro, dBase, delimited text files, ODBC DataSource File/Name, OLE DB and many more. The retrieved database records can be used to generate barcodes or text fields on the labels.
- **Unmatched** power and flexibility to assist in the selection of records for printing. This is from the simplest search on a file, user interface records selection to the most sophisticated SQL statement.
- **Provides** a high precision view and complete control of the label design, including bar codes, text, graphics, rich text and shapes.
- **One** of the most innovative and intuitive user interfaces. You just want to print labels and you don't want to spend too much time for that. The truly unique "One Touch" objects toolbox gives you instant access to an extensive set of shapes, text and bar code components. Simply drag and drop the type of objects required and customize as desired.

## 1.1 Introduction

Rosistem Barcode Label Designer software design and generate cards and labels with use of image designing objects including Line, Ellipse, Rectangle, Text, Arc, Star, Triangle, Barcode, Picture, WordArt objects.

Rosistem Barcode Label Designer software easily generates cards and labels with advance print option in easy to use graphical user interface. Software is a complete solution for all of your card and label designing and printing needs.



## Features

- Design and create labels and cards using image designing tools including Line, Ellipse, Rectangle, Text, Barcode, Picture, Arc, Triangle and Star objects.
- Option to add WordArt text-styling feature to the label.
- Option to start new label format or edit existing label format.
- Option to create label and card using wizard or with blank format.
- Design and create label in Rectangle, Rounded Rectangle, Ellipse or CD/DVD label shape.
- Option to specify the color and background settings of label including Solid Color, Gradient, Image and Style settings.
- Option to include text feature property.
- Option to include message using message templates (available with the software) during card or label designing process.
- Option to select image from library during card or label designing process.
- Data Set Series feature allows to generate the multiple copies of labels with different barcode and text value.
- Option to specify password settings of label during label designing and creation process to prevent unauthorized access.
- Option to save created label in (.rbl) file format.
- Option to print created labels using advance print settings.

## 1.2 Installation

This section helps you to get familiar with the step-by-step software installation procedure.

### Installation Steps

- Run the software setup.
- The installation wizard will be displayed.
- Go through the installation wizard and follow the installation process.
- After completing the installation process, click on **Finish** button to close the installation wizard.

Now Rosistem Barcode Label Designer is installed on your machine and you can run the software.

### Uninstallation Steps

To uninstall the software:

- Click **Start > Control Panel > Add/Remove Programs**.
- List of programs will be appeared which consists of all installed programs in computer.
- Select **Rosistem Barcode Label Designer** and click on **Uninstall** button to uninstall the software.
- **Rosistem Barcode Label Designer** will be completely uninstalled from your system.

## 1.3 Requirements

To run Rosistem Barcode Label Designer on your computer, the following hardware and software configuration settings are required.



### Memory Required

- Hard Disk Space: 50 MB
- RAM Recommended: 512 MB RAM



### Processor Required

Pentium class or equivalent

 **Operating System Required**

Microsoft Windows OS including:

- Windows 8
- Windows 7
- Windows Vista
- Windows XP
- Windows Server 2008, 2003, 2000

**Supported Environment**

- Microsoft .NET Framework (2.0) or higher



# The Menu



## 2 The Menus

The **Menus** provide access to software features. Each menu is described in the sections below.

**File**

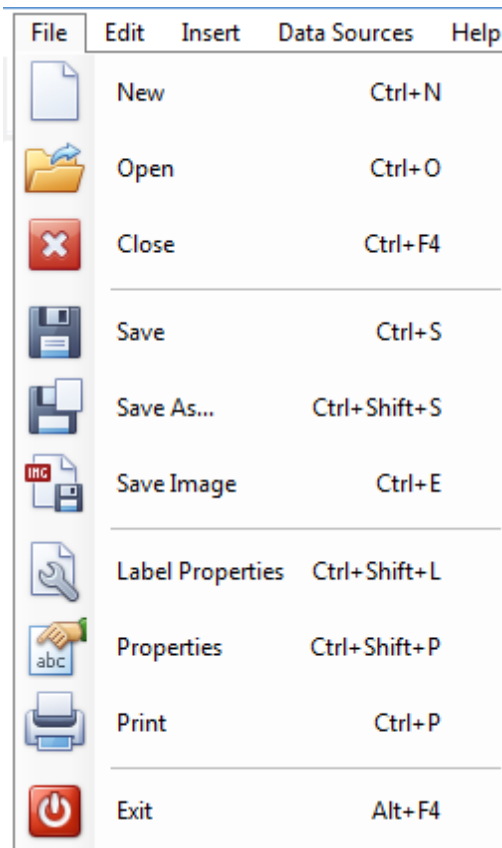
**Edit**

**Insert**

**Data Sources**

**Help**

### 2.1 File Menu



**New** – Click to create the new label.

**Open** – Click to open the saved label.

**Close** – Click to close the label.

**Save** – Click to save the designed label.

**Save As...** – Click to save the designed label with different file name.

**Save Image** - Click to save the image.

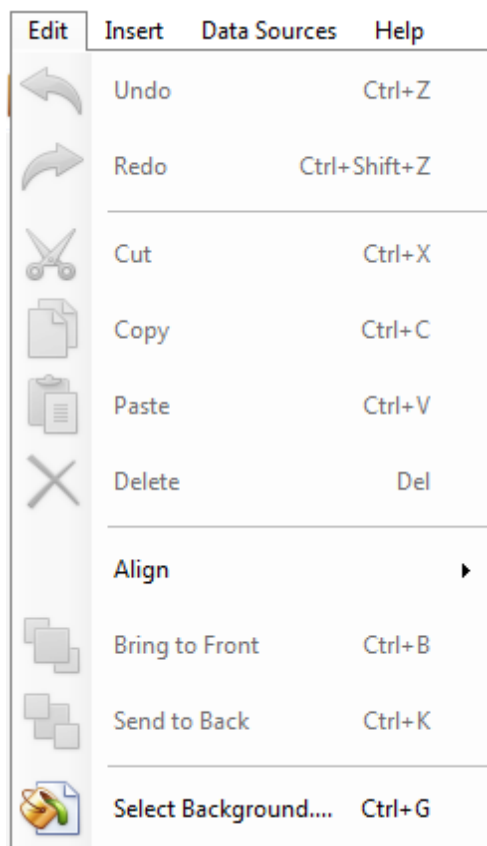
**Label Properties** – Click to change the label properties.

**Properties** – Click to change the properties of the selected object.

**Print** – Click to print the label.

**Exit** – Click to exit from the application.

## 2.2 Edit Menu



**Undo** – Click to erase the last change done to the label reverting it to an older state.

**Redo** – Click to perform the last command again in the label.

**Cut** – Click to cut the desired object(s) from the label.

**Copy** – Click to copy the selected object(s) from the label.

**Paste** – Click to paste the cut or copied object(s) in the label.

**Delete** – Click to delete the selected object(s).

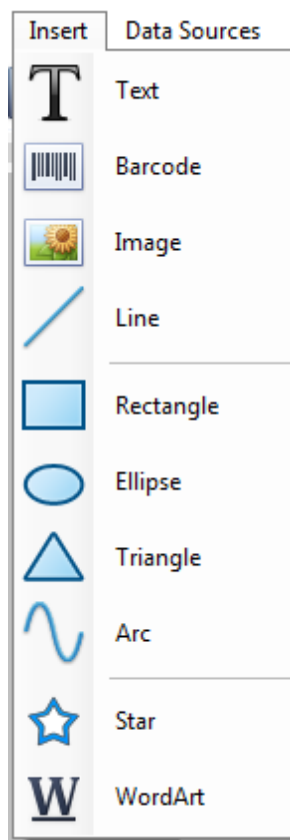
**Align** – Click to align the selected object(s) (Left, Horizontally Center, Right, Top, Vertical Center, Bottom).

**Bring to Front** – Click to bring the selected object to front.

**Send to Back** – Click to send the selected object to back.

**Select Background...** – Click to set the label background properties like Solid Color, Select From Gradient, Select From Image, Select Style etc.

## 2.3 Insert Menu



**Text** – Add Text object to the label.

**Barcode** – Add Barcode object to the label.

**Image** – Add Picture object to the label.

**Line** – Add Line object to the label.

**Rectangle** – Add Rectangle object to the label.

**Ellipse** – Add Ellipse object to the label.

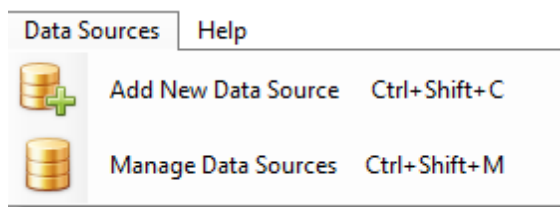
**Triangle** – Add Triangle object to the label.

**Arc** – Add Arc object to the label.

**Star** – Add Star object to the label.

**WordArt** – Add WordArt object to the label.

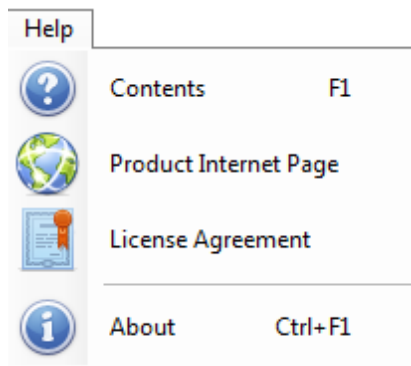
## 2.4 Data Sources Menu



**Add New Data Source**

**Manage Data Sources** – Click to create or manage data sources.

## 2.5 Help Menu



**Contents** – Click to open the help file.

**Product Internet Page** – Click to open product internet page.

**License Agreement** – Click to read license agreement.

















**About** – Click to read software version info and registration info.







# The Toolbars






-  **Copy** – Click to copy the selected object(s) from the label.
-  **Paste** – Click to paste the cut or copied object(s) in the label.
-  **Delete** – Click to delete the selected object(s) created in the label.
-  **Bring to Front** – Click to bring the selected object to front.
-  **Send to Back** – Click to send the selected object to back.
-  **Align to Left** – Click to bring the selected object to left of the label.
-  **Horizontally Center** – Click to bring the selected object to horizontal center of the label.
-  **Align to Right** – Click to bring the selected object to right of the label.
-  **Align to Top** – Click to bring the selected object to top of the label.
-  **Vertically Center** – Click to bring the selected object to vertical center of the label.
-  **Align to Bottom** – Click to bring the selected object to bottom of the label.
-  **Actual Size** – Click to view the selected object in desktop actual size.
-  **Fit to Window** – Click to scale the view to fit your selected object participant window.
-  **Zoom Out** – Click to see the distant view of label.
-  **Zoom In** – Click to see the closer view of label.
-  **Lock** – Click to lock the selected object(s) in the label.

-  **Unlock** – Click to unlock the selected object(s) in the label.
-  **Show Grid** – Click to show grid in the label.
-  **Select Background...** – Click to set the label background properties like Solid Color, Select From Gradient, Select From Image, Select Style etc
-  **Properties** – Click to change the properties of the label.

## 3.2 Toolbox

Select the object from the toolbar to add Pointer, Line, Ellipse, Pencil, Rectangle, Text, Barcode, Picture and Arc in the label.

-  **Pointer** – Use pointer to select the object(s).
-  **Text** – Add Text object to the label.
-  **Barcode** – Add Barcode object to the label.
-  **Image** – Add Picture object to the label.
-  **Line** – Add Line object to the label.
-  **Rectangle** – Add Rectangle object to the label.
-  **Ellipse** – Add Ellipse object to the label.
-  **Triangle** – Add Triangle object to the label.
-  **Arc** – Add Arc object to the label.
-  **Star** – Add Star object to the label.
- **WordArt** – Add WordArt object to the label.

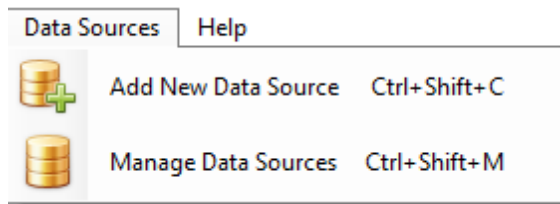
# Data Sources



## 4 Data Sources

**Data Sources** – this feature allows to generate multiple copies of labels with text and barcode value.

By clicking the Data Sources menu the following menu appears.



- Add New Data Source
- Manage Data Sources

### 4.1 Add New Data Source

On clicking **Add New Data Source**, the following window appears.

**Add New Data Source**

Setup database connection.

**Data Source**

Data Source Name

Data Source Type **Microsoft Excel (\*.xls, \*.xlsx)**

Filename  **Browse**

**Options**

Select Sheet

Open As Read Only

Row Data From

**View Data**

**Authentication**

User Login

Password

**OK** **Cancel**

Choose the data source type to set up the data source parameters.

#### 4.1.1 Excel Data Source

On selecting **Microsoft Excel** from the **Add New Data Source** window, the following window appear.

**Add New Data Source**

Setup database connection.

**Data Source**

Data Source Name: Excel Data Source

Data Source Type: Microsoft Excel (\*.xls, \*.xlsx)

Filename: D:\Rosistem Ticket Validate\Tichete.xls

**Options**

Select Sheet: Sheet1

Open As Read Only

Row Data From: 0

**Authentication**

User Login:

Password:

#### 4.1.2 CSV Data Source

On selecting **Text File** from the **Add New Data Source** window, the following window appear.

**Add New Data Source**

Setup database connection.

**Data Source**

Data Source Name: CSV Data Source

Data Source Type: Text File (\*.txt, \*.csv, \*.tab)

Filename: C:\Comanda\_RHO000000946.csv

**Options**

Open As Read Only

Row Data From: 0

### 4.1.3 Access MDB Data Source

On selecting **Microsoft Access** from the **Add New Data Source** window, the following window appear.

**Add New Data Source**

Setup database connection.

**Data Source**

Data Source Name

Data Source Type **Microsoft Access (\*.mdb)**

Filename  **Browse**

**Options**

Table or View

Custom Query

**View Data**

**Authentication**

User Login

Password

**OK** **Cancel**

#### 4.1.4 Access ACCDB Data Source

On selecting **Microsoft Access 2007-2013** from the **Add New Data Source** window, the following window appear.

**Add New Data Source**

Setup database connection.

Data Source

Data Source Name

Data Source Type **Microsoft Access 2007-2013 (\*.accdb)**

Filename  **Browse**

Options

**Table or View**

**Custom Query**

**Query Builder** **View Data**

Authentication

User Login

Password

**OK** **Cancel**

#### 4.1.5 SQLite Data Source

On selecting **SQLite database** from the **Add New Data Source** window, the following window appear.

**Add New Data Source**

Setup database connection.

**Data Source**

Data Source Name

Data Source Type SQLite database (\*.db, \*.db3) ▼

Filename

**Options**

Table or View

Custom Query

**Authentication**

Password

#### 4.1.6 DBase Data Source

On selecting **DBase** from the **Add New Data Source** window, the following window appear.

**Add New Data Source**

Setup database connection.

Data Source

Data Source Name

Data Source Type **DBase (\*.dbf)**

DBF Directory

Files

#### 4.1.7 ODBC Data Source

On selecting **ODBC** from the **Add New Data Source** window, the following window appear.

**Add New Data Source**

Setup database connection.

Data Source

Data Source Name

Data Source Type

User or System Data Source Name

User Connection String

Objects

Authentication

User Login

Password

#### 4.1.8 OleDB Data Source

On selecting **OleDB** from the **Add New Data Source** window, the following window appear.

**Add New Data Source**

Setup database connection.

Data Source

Data Source Name

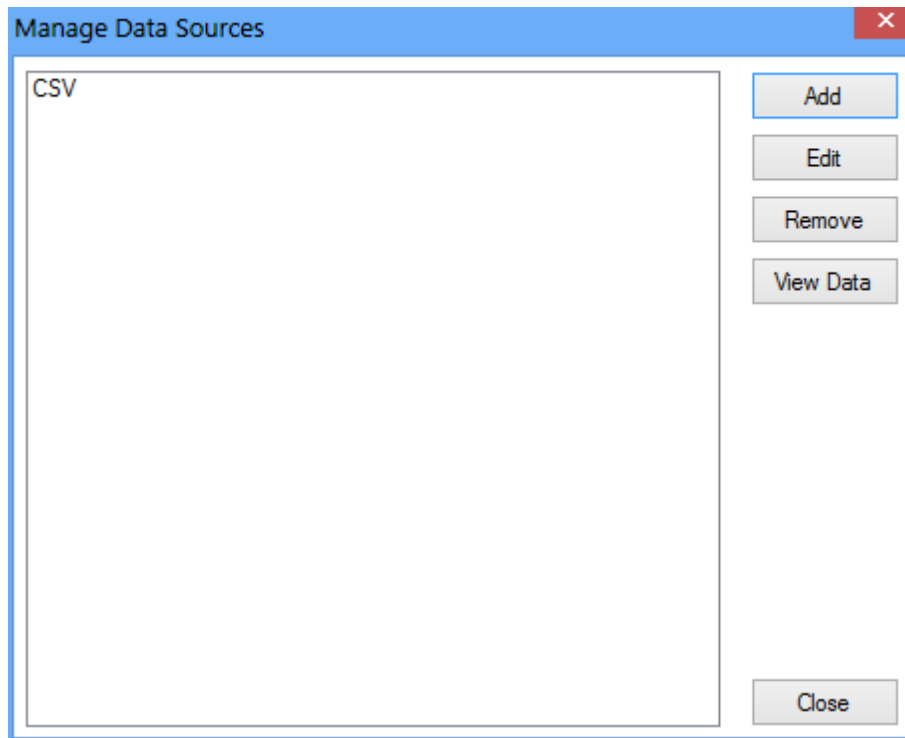
Data Source Type OLEDB

Objects ▼ View Data Connection Builder

OK Cancel

## 4.2 Manage Data Sources

On clicking **Manage Data Sources**, the following window appears.



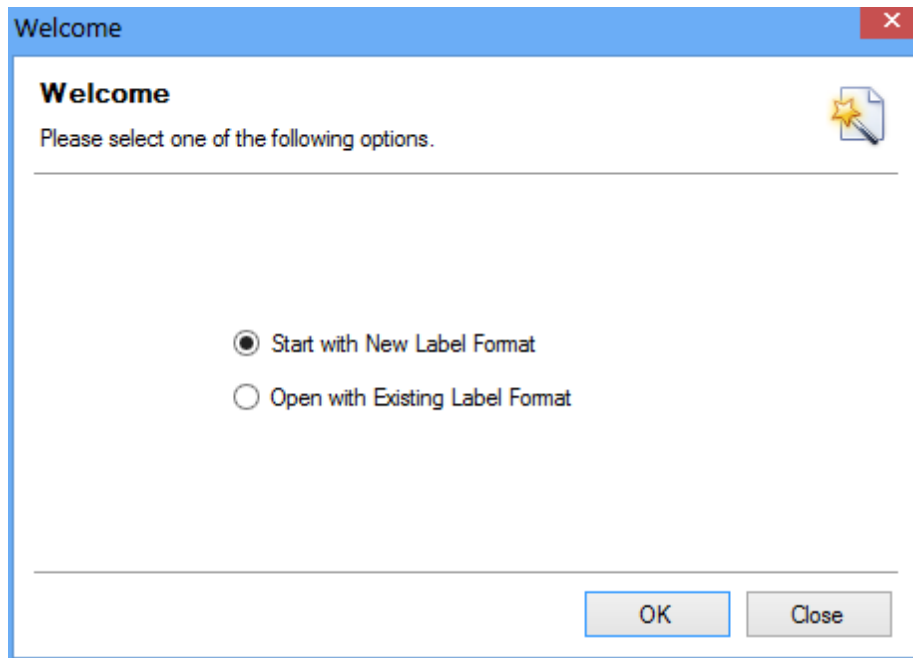
- Click on **Add** button to add new data source.
- Click on **Edit** button to edit the selected data source.
- Click on **Remove** button to delete selected data source.
- Click on **View Data** to preview data from the data source.
- Click on **Close** to close the window.

## **Create New Label**



## 5 Create New Label

When you run the software, the initial screen as shown in the figure below will appear.



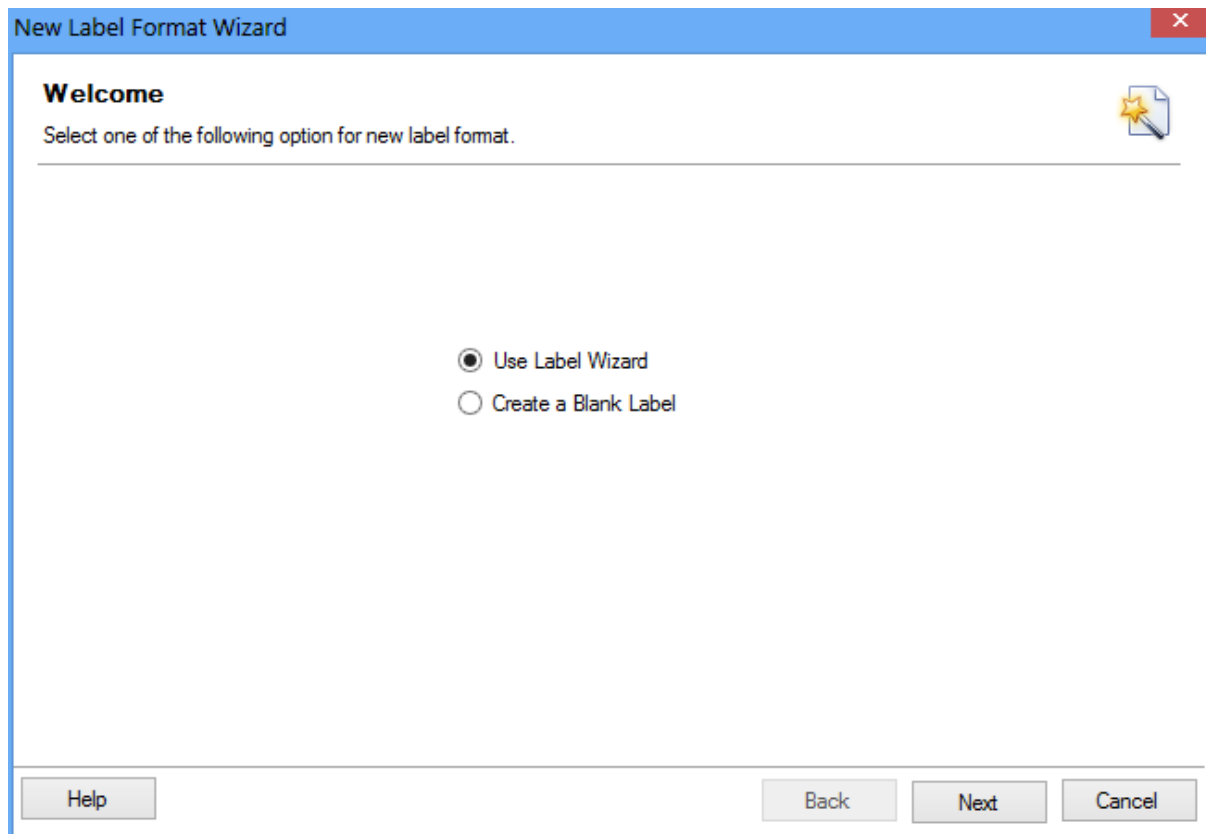
It includes following options to select and create label format:

- **Start with New Label Format** (This option is used to start creating label with new label format)
- **Open with Existing Label Format** (This option is used to start creating label with existing label format)

Select one of the following option and click on '**OK**' button.

### **Start with New Label Format**

On selecting '**Start with New label Format**' option, the following screen as shown in the figure below will appear.



Select one of the following option for new label format.

- **Use Label Wizard** (This option is used to start creating label by using wizard format)
- **Create a Blank Label** (This option is used to start creating label with blank format)

Click '**Next**' button to continue.

### Steps to create label by using wizard

#### Step 1

On selecting '**Use Label Wizard**' option, the following screen as shown in the figure below will appear.

**New Label Format Wizard**

**Label Name**  
Specify the name and size of label.

Label Name  
Document1

Label Size

Label Height 25 (mm)

Label Width 50 (mm)

Get label size from default printer

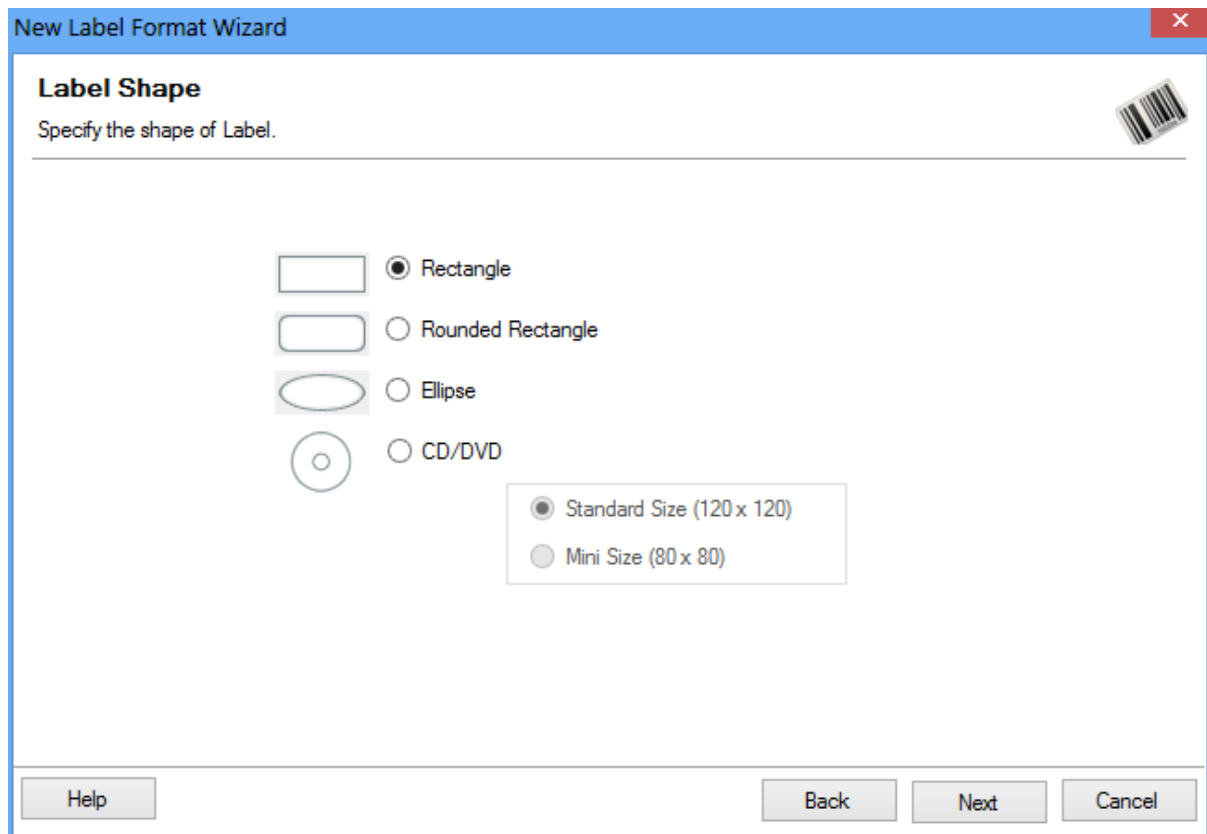
Help Back Next Cancel

- Specify the Label Name.
- Specify the label Size. (Label Height and Label Width)
- Click on **Get label size from default printer** button to get label size from printer.

Click '**Next**' button to continue.

### Step 2

On clicking '**Next**' button, the following screen as shown in the figure below will appear.



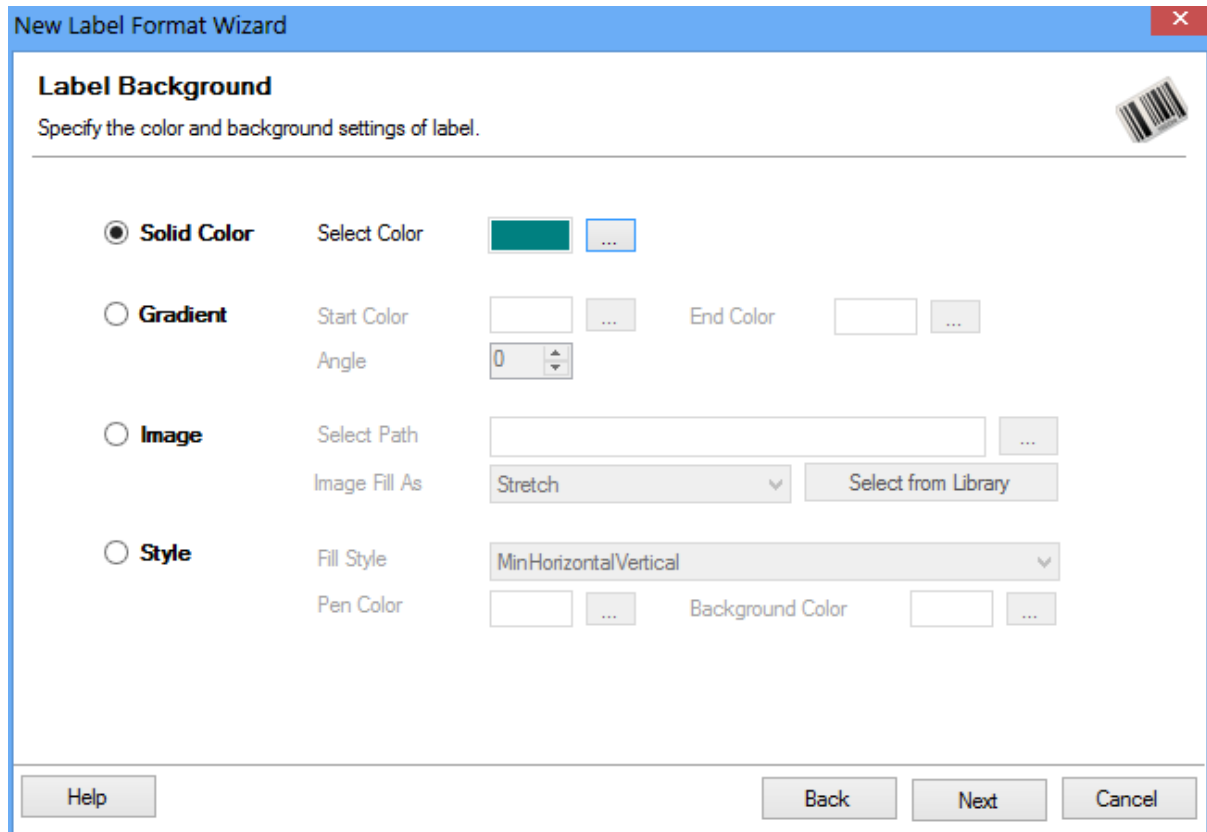
Specify the shape of Label from following options:

- Rectangle
- Rounded Rectangle
- Ellipse
- CD/DVD (Select the CD/DVD size)
  - Standard Size
  - Mini Size

Click '**Next**' button to continue.

### Step 3

On clicking '**Next**' button, the following screen as shown in the figure below will appear.



Specify the color and background settings of label including:

- **Solid Color** – Specify the Solid Color to fill label region.
- **Gradient** – Select the Start and End Color to fill Gradient region.
  - Angle – Select the angle of gradient region.
- **Image** – Click "Browse" button to Select Image Path.
  - Image Fill As – Select the image position style.
  - Select from Library – Select the image from Library
- **Style** – Select the Fill Style to fill Label region.
  - **Pen Color** – Select the Pen Color.
  - **Background Color** – Select the Background Color.

Click '**Next**' button to continue.

#### Step 4

On clicking '**Next**' button, the following screen as shown in the figure below will appear.

The screenshot shows a window titled "New Label Format Wizard" with a close button in the top right corner. The main heading is "Label Text" and the instruction is "Specify the default text of label." There is a small barcode icon in the top right of the main area. A checkbox labeled "Insert default text" is checked. Below it is a text input field with the placeholder "Enter default text" and a button "Insert from templates". The input field contains the text "Enter some default text". Below the input field are two buttons: "Select Font" and "Select Color". To the right of "Select Font" is the text "Arial, Regular, 12". To the right of "Select Color" is a black color swatch. Below these is a "Text Location" section with two spinners: "Top" set to 10 and "Left" set to 10. At the bottom of the window are four buttons: "Help", "Back", "Next", and "Cancel".

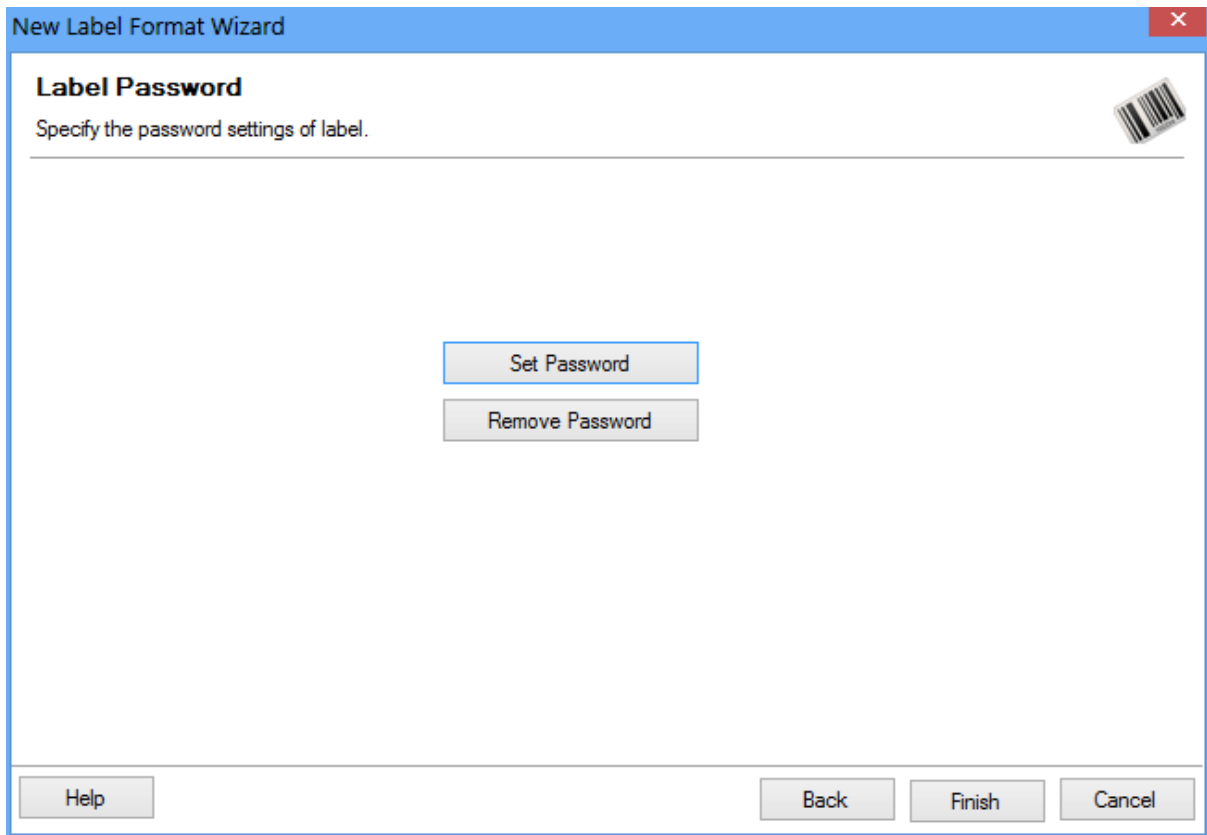
Specify the text feature of label including: (This is optional feature)

- Select to add '**Text Feature**' while label creation.
- Add text in '**Enter Text**' text field area.
- Select text font on clicking '**Select Font**' button.
- Select text font color on clicking '**Select Color**' button.
- Select text location by specifying '**Top**' and '**Left**' margins.

Click '**Next**' button to continue.

### Step 5

On clicking '**Next**' button, the following screen as shown in the figure below will appear.

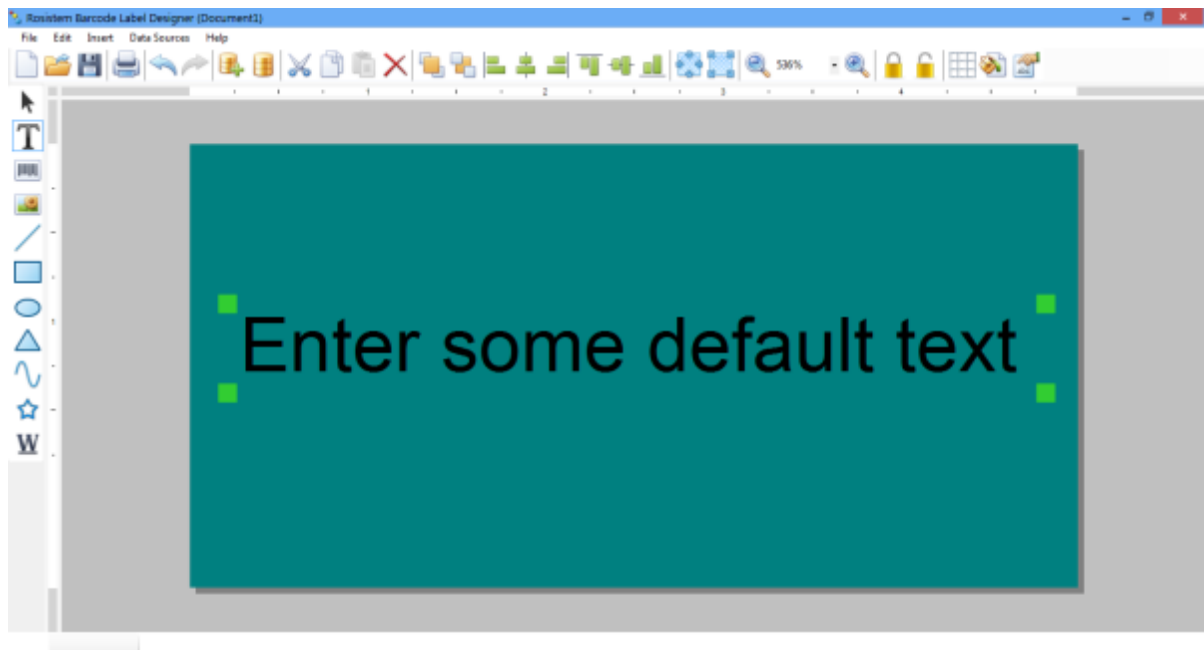


Set a password for the label. (This is optional feature)

Click '**Finish**' button to continue.

### **Step 6**

On clicking '**Finish**' button, the following screen as shown in the figure below will appear.



Steps to create label with Create a Blank Label.

### Step 1

On selecting 'Create a Blank Label' option, the following screen as shown in the figure below will appear.

**New Label Format Wizard**

**Label Properties**  
Set label width, height and shape.

**Name**  
Label Name: Document1

**Label Size**  
Height (mm): 25      Width (mm): 50      Get label size from default printer

**Label Shape**

Rectangle       CD/DVD

Rounded Rectangle       Standard Size (120 x 120)

Ellipse       Mini Size (80 x 80)

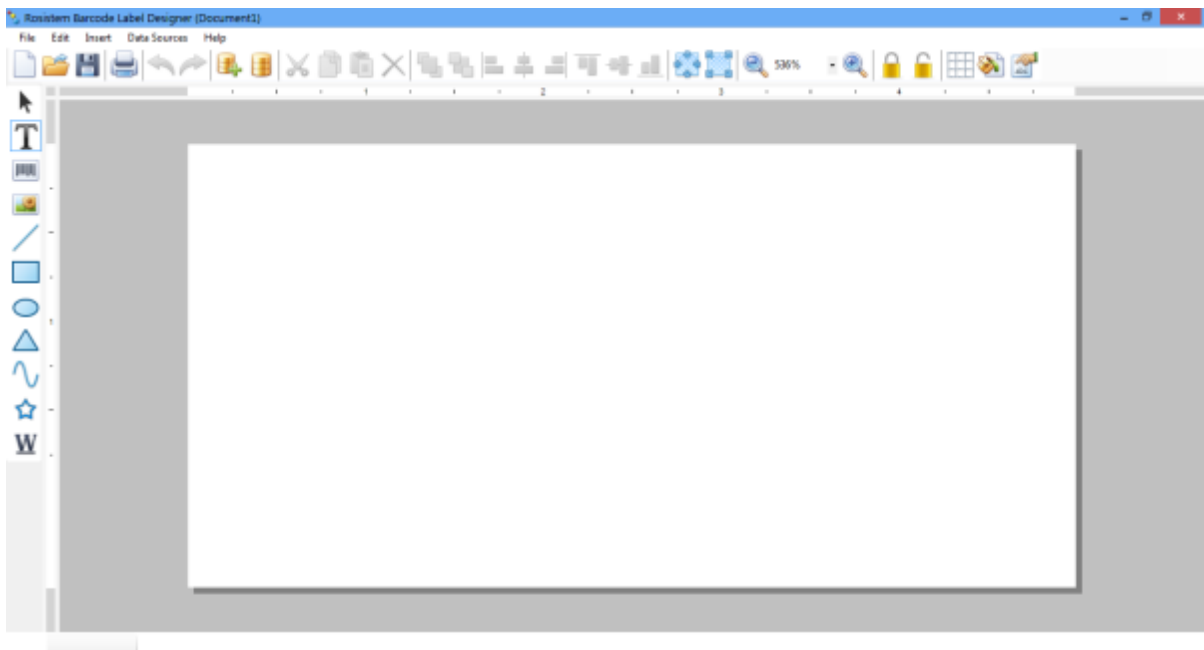
Buttons: Help, Back, Next, Cancel

- Specify the **Label Name**.
- Specify the **Label Size** that includes Label Height and Label Width.
- Specify the **Label Shape** from following options:
  - Rectangle
  - Rounded Rectangle
  - Ellipse
  - CD/DVD (Specify CD/DVD size)
    - Standard Size
    - Mini Size

Click '**Finish**' button to continue.

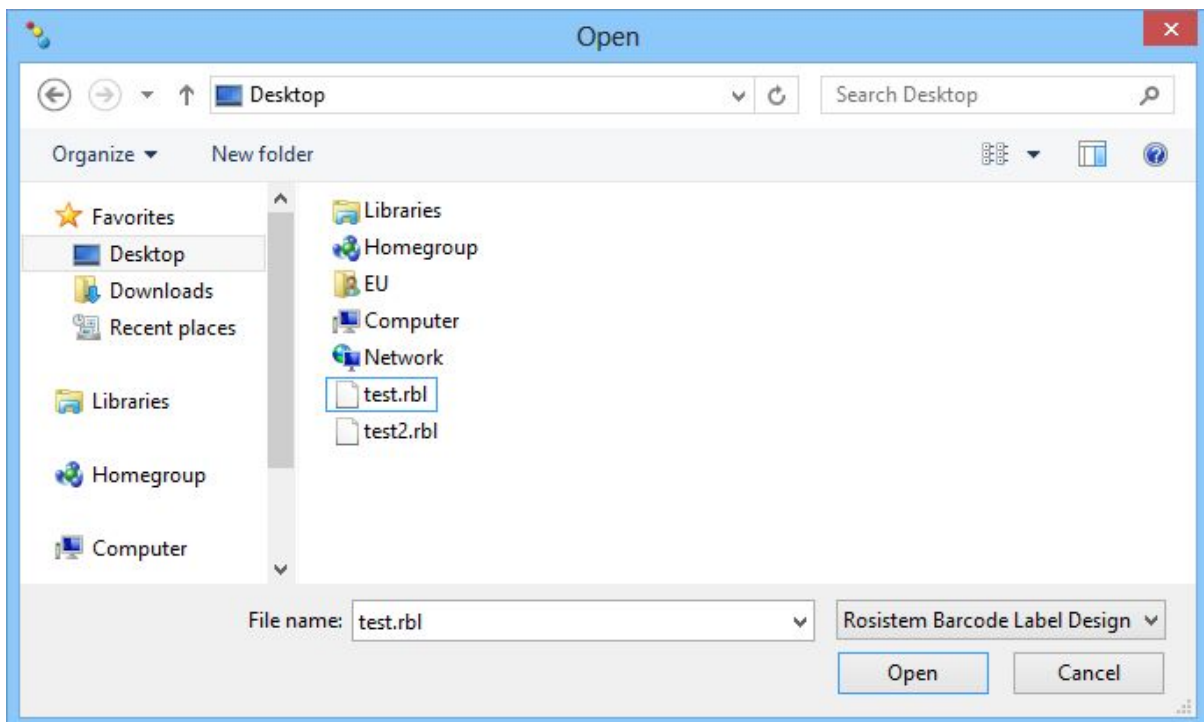
## Step 2

On clicking '**Finish**' button, the following screen as shown in the figure below will appear.



### Open with Existing Label Format

On selecting 'Open with Existing Label Format' option, the following screen as shown in the figure below will appear.















Browse and select the existing label and click on '**Open**' button to open an existing label format

# **Toolbox Objects**




## 6 Toolbox Objects

Select the object from the toolbar to add Pointer, Line, Ellipse, Pencil, Rectangle, Text, Barcode, Picture and Arc in the label.

-  • **Pointer** – Use pointer  to select the object(s).
-  • **Text** – Add Text object to the label.
-  • **Barcode** – Add Barcode object to the label.
-  • **Image** – Add Picture object to the label.
-  • **Line** – Add Line object to the label.
-  • **Rectangle** – Add Rectangle object to the label.
-  • **Ellipse** – Add Ellipse object to the label.
-  • **Triangle** – Add Triangle object to the label.
-  • **Arc** – Add Arc object to the label.
-  • **Star** – Add Star object to the label.
-  • **WordArt** – Add WordArt object to the label.

### 6.1 Text

#### Add Text object to the label

- Select Text object  from the toolbar.
- Point the location in the label and click where you want the Text to be placed.
- Text appears on the label.

Double-click the Text object created in the label to modify the Text Properties, as shown in window below.

---

**Text Properties includes following tabs:**

- General Settings
- Font Settings
- Color Settings
- Other Settings

**General Settings**

**Position** – Set the Position of Text (with respect to X, Y co-ordinates).

**Data Source** – Select Data Source either User Input or Data Set. Click here for more information.

If Data Source is selected manual enter the required text (Set Date and Time if required).

Insert Template if required on clicking 'Insert Template' button.

**Text Properties** ✕

**Text Properties** T

Set text position, style, border, size and data set.

General Settings **Font Settings** Color Settings Other Settings

Position

X  mm Y  mm

Text

Data Source  ⓘ

Data Set

Data Field

Text

Insert Date

Insert Time

Insert Template

**Preview**

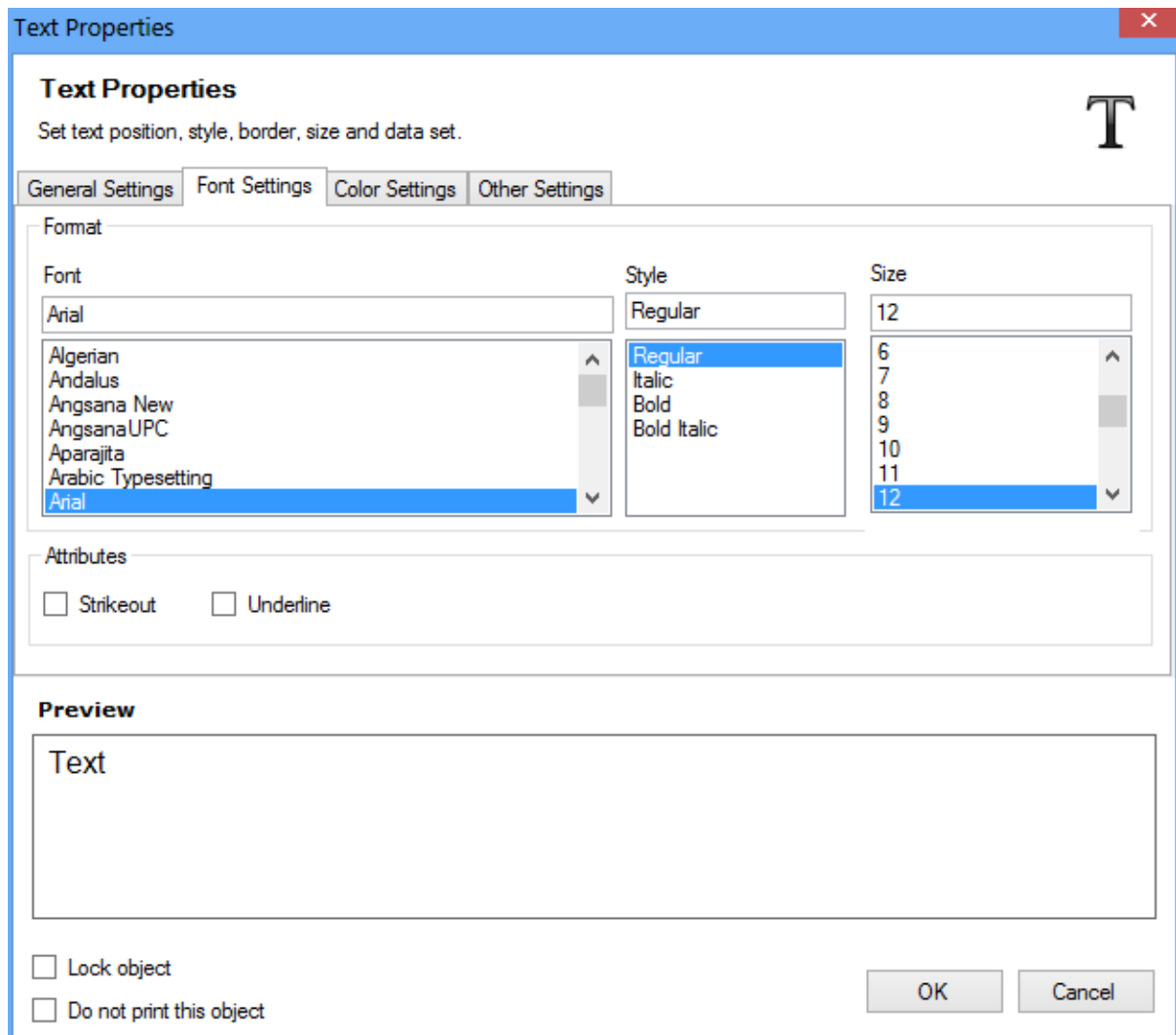
12345

Lock object

Do not print this object

OK Cancel

## Font Settings



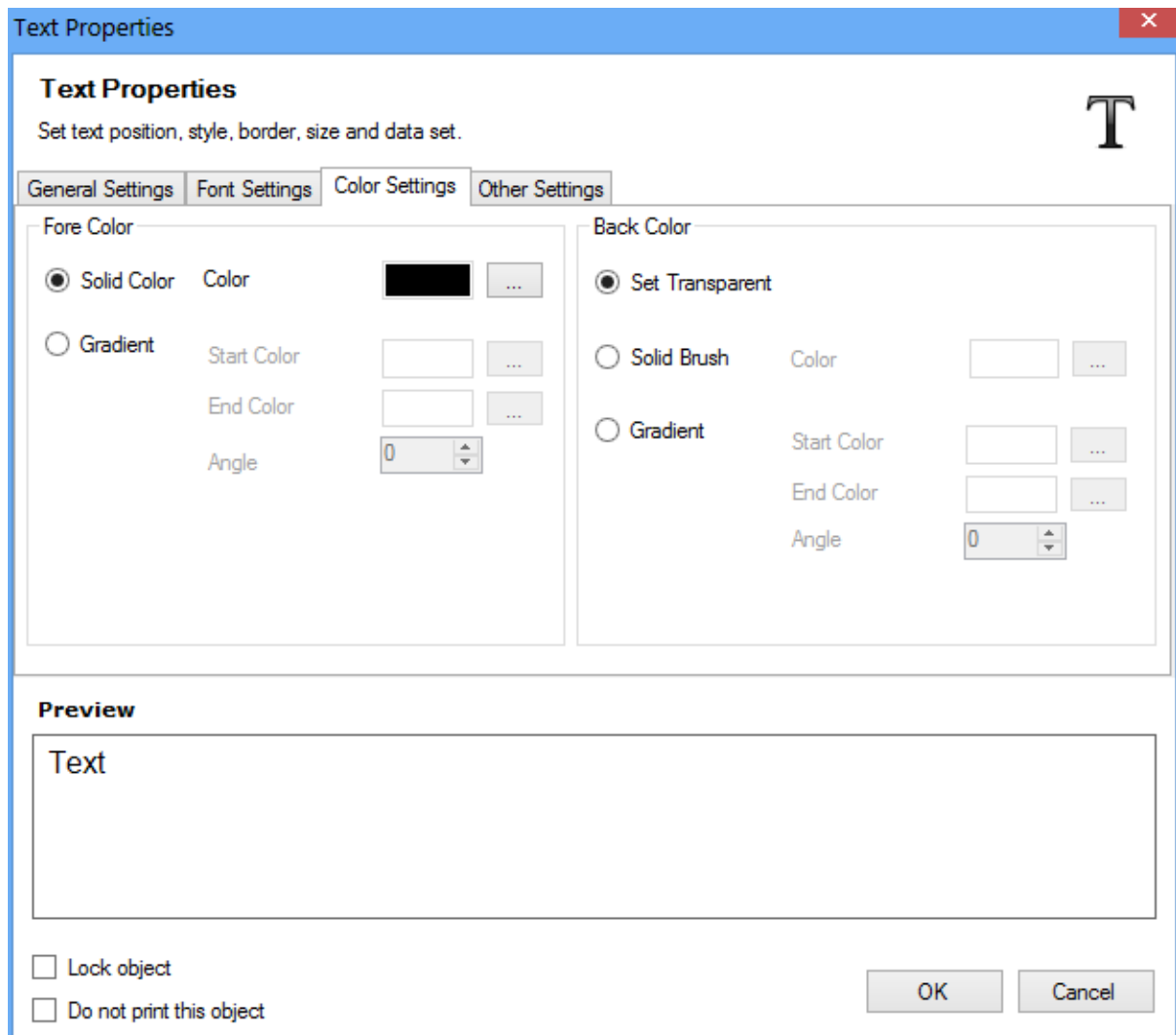
**Font** – Select the Font of Text.

**Style** – Select the Style (Regular, Italic, Bold and Bold Italic) of Text.

**Size** – Select the Size of Text.

**Attributes** – Select the Text Attributes (Strikeout or Underline).

### Color Settings



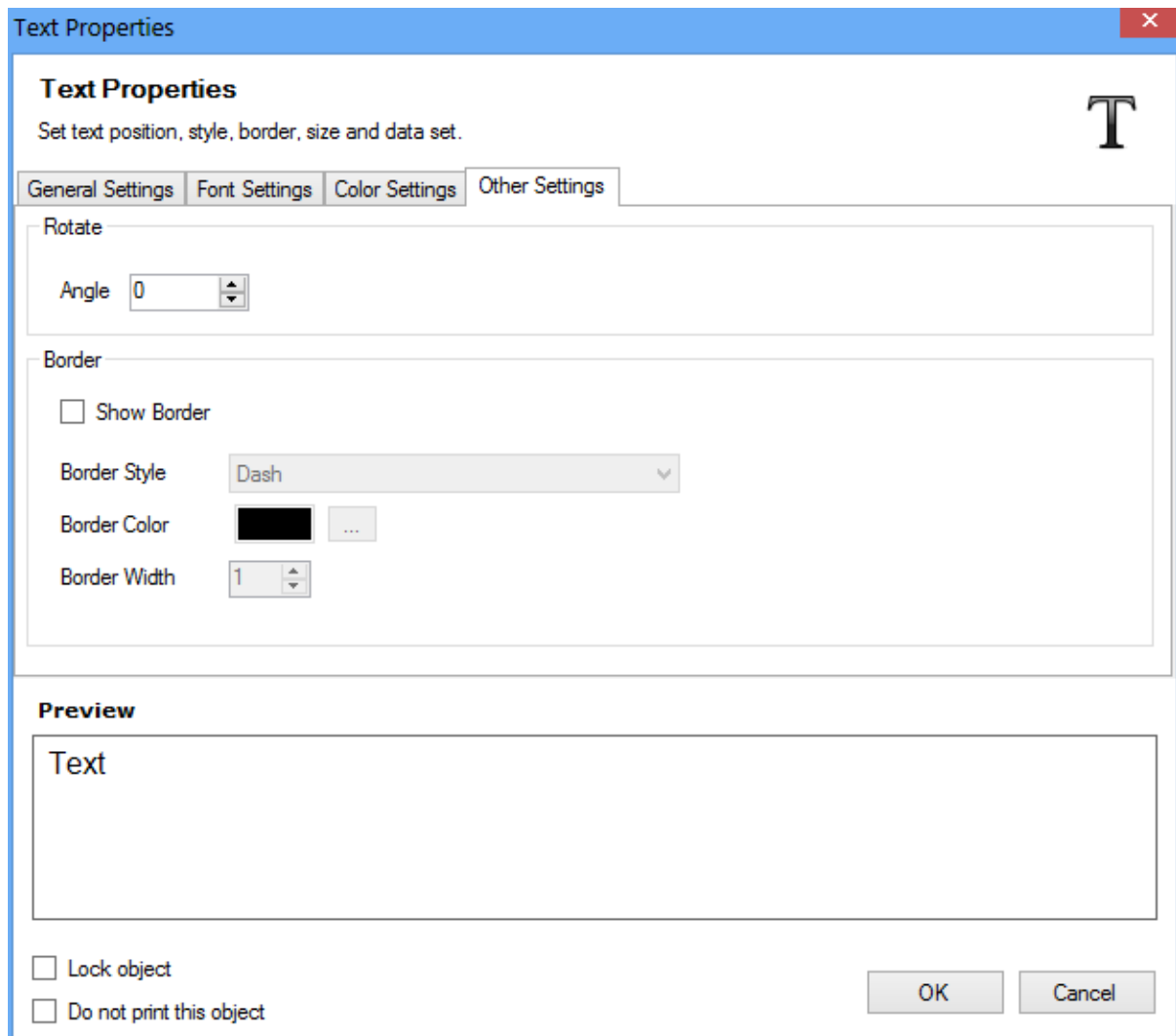
**Fore Color** – Set the Fore Color of Text using following options:

- Solid Color (Select the Color)
- Gradient (Select the Start and End Color to fill Text Gradient region, Select the filled Gradient Color Angle)

**Back Color** – Set the Back Color of Text using following options:

- Set Transparent (Select to make the Text background transparent)
- Solid Brush (Select the Color)
- Gradient (Select the Start and End Color to fill Text Gradient region, Select the filled Gradient Color Angle)

### Other Settings



**Rotate** – Select the text rotation angle.

**Border** – Select to show text border (with option to select Border Style, Border Color, Border Width).

**Note**

**Preview** – Software feature to preview created Text in preview section.


**Lock Object** – Select to Lock the Text object while designing label. (It gives you option to lock the movement of the Text object).

**Do not print this object** – Select to not print Text object while printing designed label.

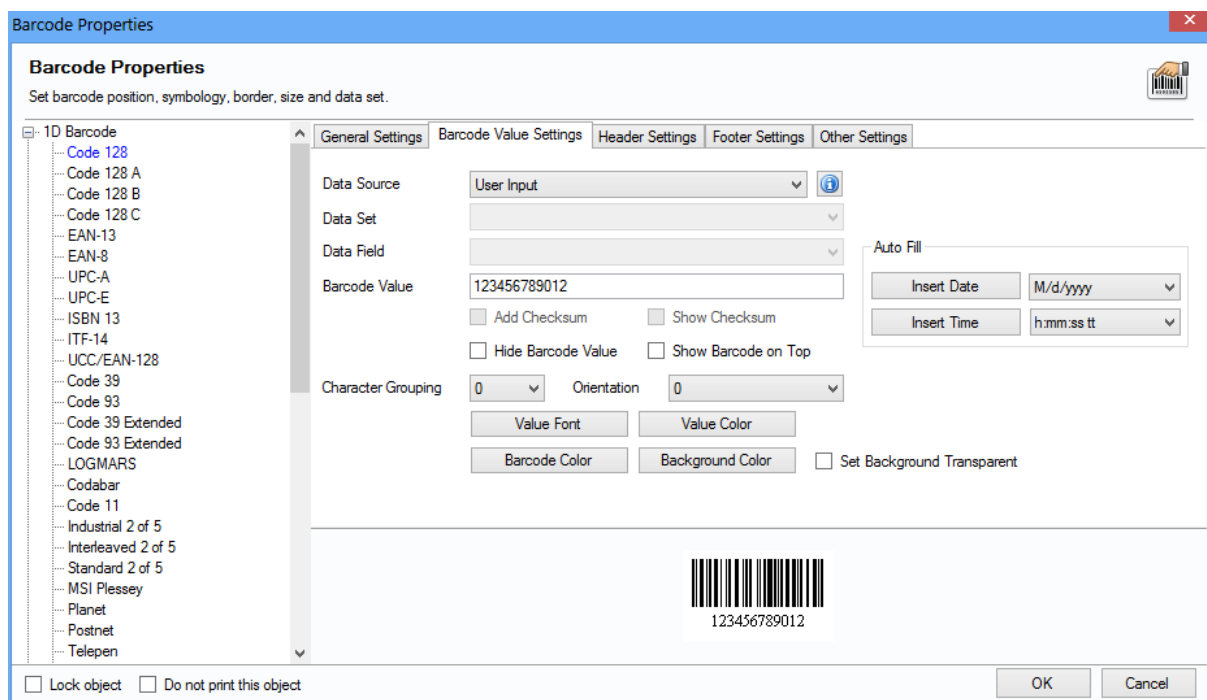
Click “**OK**” button to apply the settings.

## 6.2 Barcode

### Add Barcode object to the label

- Select Barcode object  from the toolbar.
- Point the location in the label and click where you want the barcode to be placed.
- Barcode appears on the label.

Double-click the Barcode object created in the label, the following screen appears to modify the Barcode Properties.



**Barcode Properties**  
Set barcode position, symbology, border, size and data set.

1D Barcode

- Code 128
- Code 128 A
- Code 128 B
- Code 128 C
- EAN-13
- EAN-8
- UPC-A
- UPC-E
- ISBN 13
- ITF-14
- UCC/EAN-128
- Code 39
- Code 93
- Code 39 Extended
- Code 93 Extended
- LOGMARS
- Codabar
- Code 11
- Industrial 2 of 5
- Interleaved 2 of 5
- Standard 2 of 5
- MSI Plessey
- Planet
- Postnet
- Telepen

General Settings | **Barcode Value Settings** | Header Settings | Footer Settings | Other Settings

Data Source: User Input

Data Set: [Dropdown]

Data Field: [Dropdown]

Barcode Value: 123456789012

Add Checksum  Show Checksum

Hide Barcode Value  Show Barcode on Top

Character Grouping: 0 Orientation: 0

Value Font [Button] Value Color [Button]

Barcode Color [Button] Background Color [Button]  Set Background Transparent

Auto Fill

Insert Date: M/d/yyyy [Dropdown]

Insert Time: h:mm:ss tt [Dropdown]

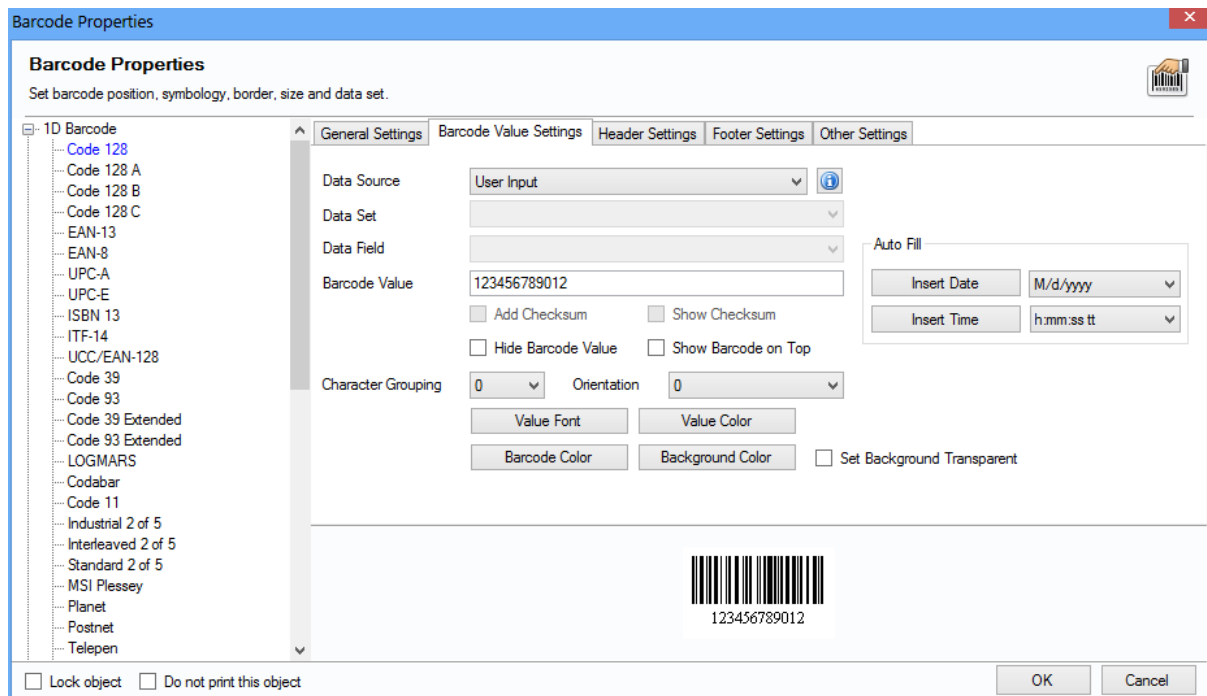
123456789012

Lock object  Do not print this object

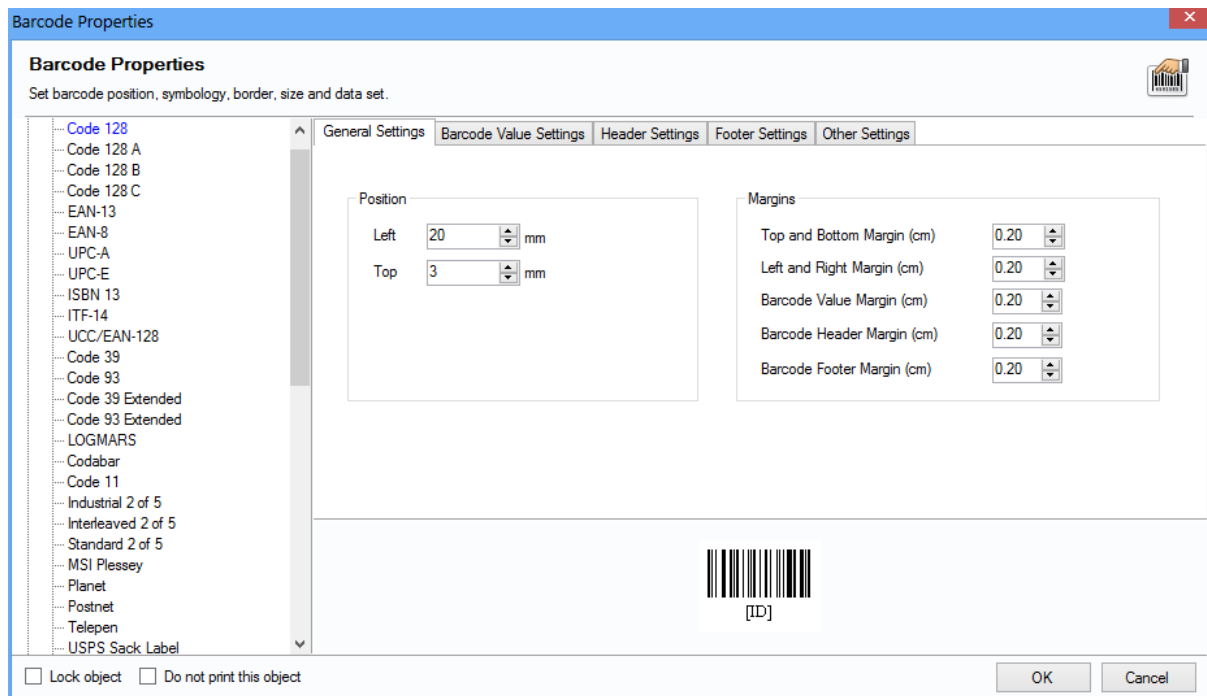
OK Cancel

### 6.2.1 1D Barcode

On selecting any 1D Barcode standard, Properties window includes following tabs:



**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

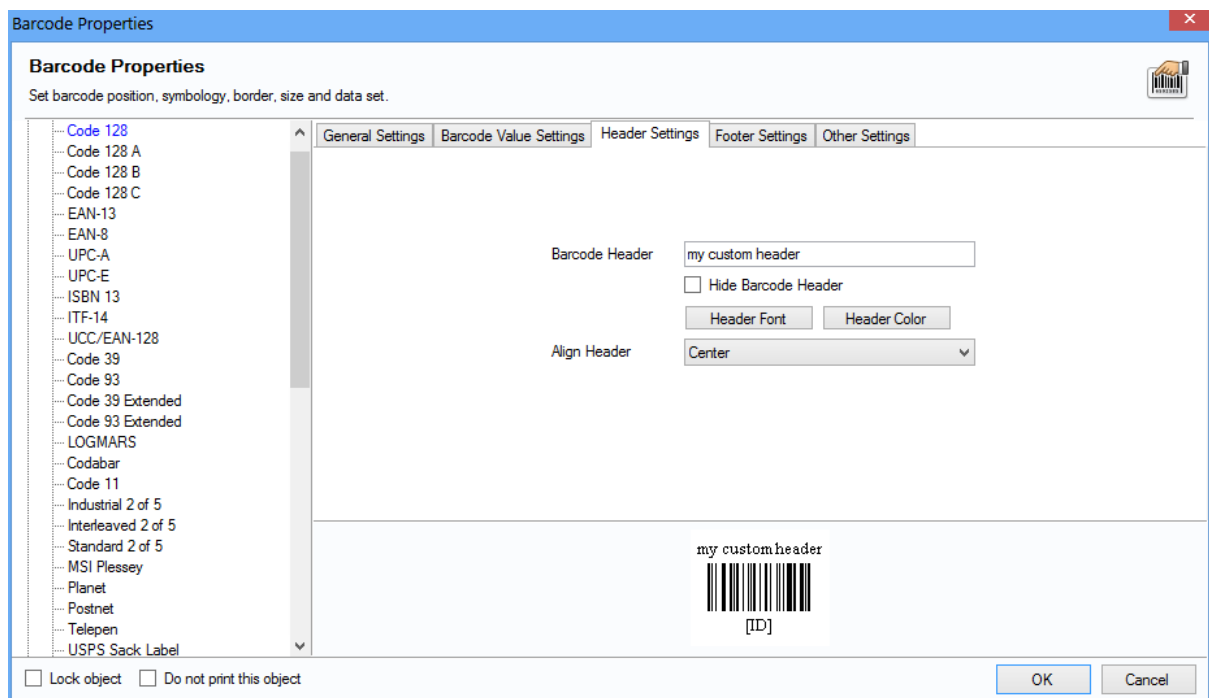
### Barcode Value Settings tab includes following options:

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The 'Data Source' is set to 'Data Set', 'Data Set' is 'CSV', and 'Data Field' is 'ID'. The 'Barcode Value' field contains '[ID]'. There are checkboxes for 'Add Checksum', 'Show Checksum', 'Hide Barcode Value', and 'Show Barcode on Top'. The 'Character Grouping' is set to '0' and 'Orientation' is '0'. There are buttons for 'Value Font', 'Value Color', 'Barcode Color', and 'Background Color', along with a 'Set Background Transparent' checkbox. A preview of a barcode is shown at the bottom with the value '[ID]' below it. The dialog also has 'Lock object' and 'Do not print this object' checkboxes, and 'OK' and 'Cancel' buttons.

- Data Source – Select Data Source to enter barcode value. Select Data Source as ‘User Input’ to enter barcode value manually, Select ‘Data Set’ to fetch the barcode value from the list of existing Data Set. Click here for more information
- Barcode Value – Enter the Barcode Value. (Select “Add Checksum” and “Show Checksum” options if required while creating barcode label)
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Barcode Value Font – Set the Barcode Value Font.

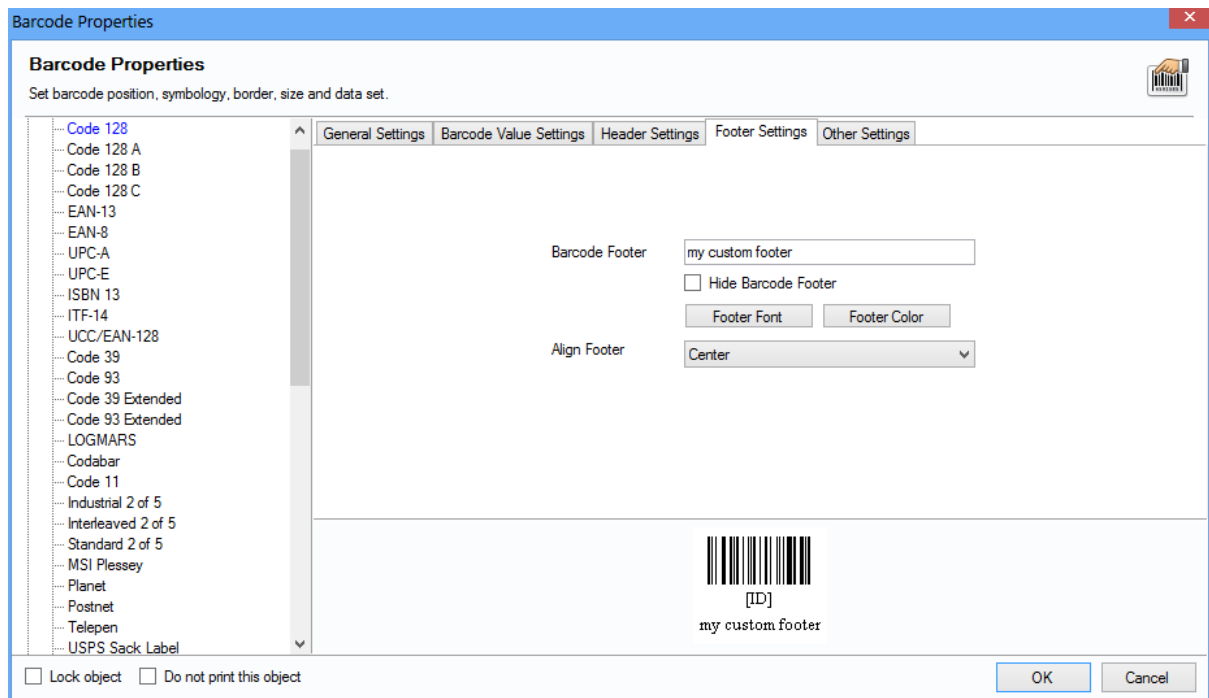
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Bar Color.
- Barcode Background Color – Set the Barcode Background Color.
- Set Transparent –Select “Set Transparent” to make the Barcode background transparent.

### Header Settings tab includes following options:



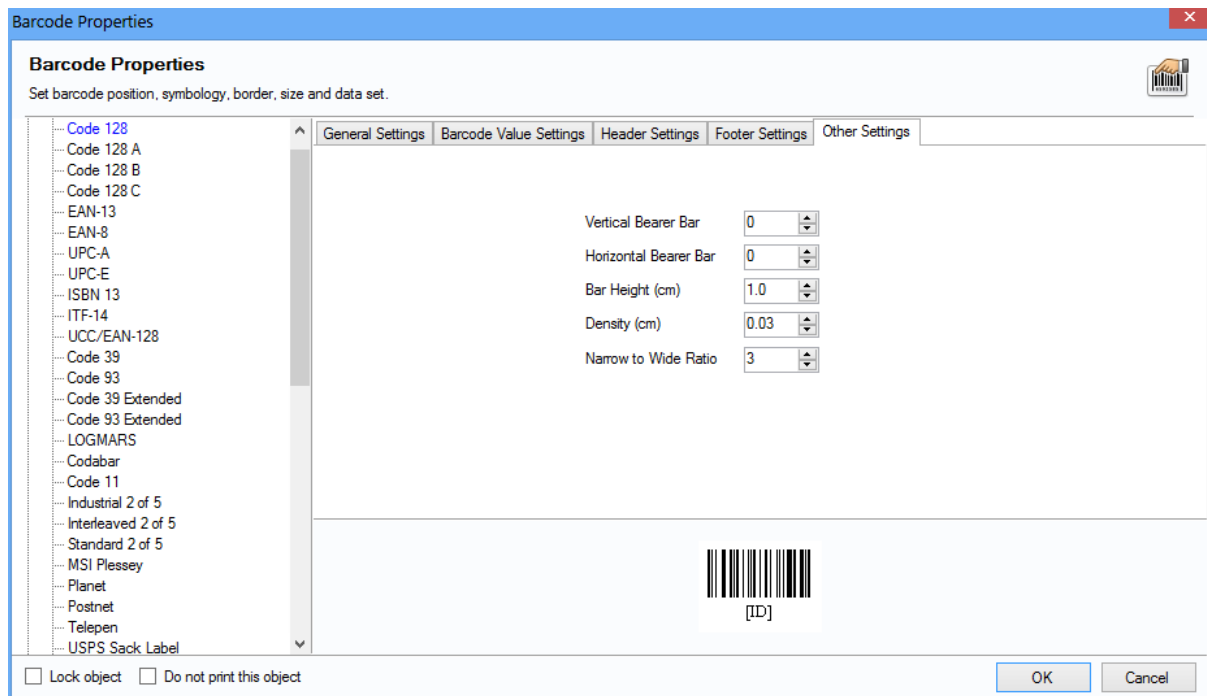
- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Vertical Bearer Bar – Set Vertical Bearer Bar value.
- Horizontal Bearer Bar – Set the Horizontal Bearer Bar value.
- Bar Height (cm) – Set the Bar Height.
- Density (cm) – Set the Density.
- Narrow to Wide Ratio – Set the Narrow to Wide Ratio value.

**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

Click “OK” button to apply the settings.

## 6.2.2 2D Barcode

**QR Code**

**Aztec**

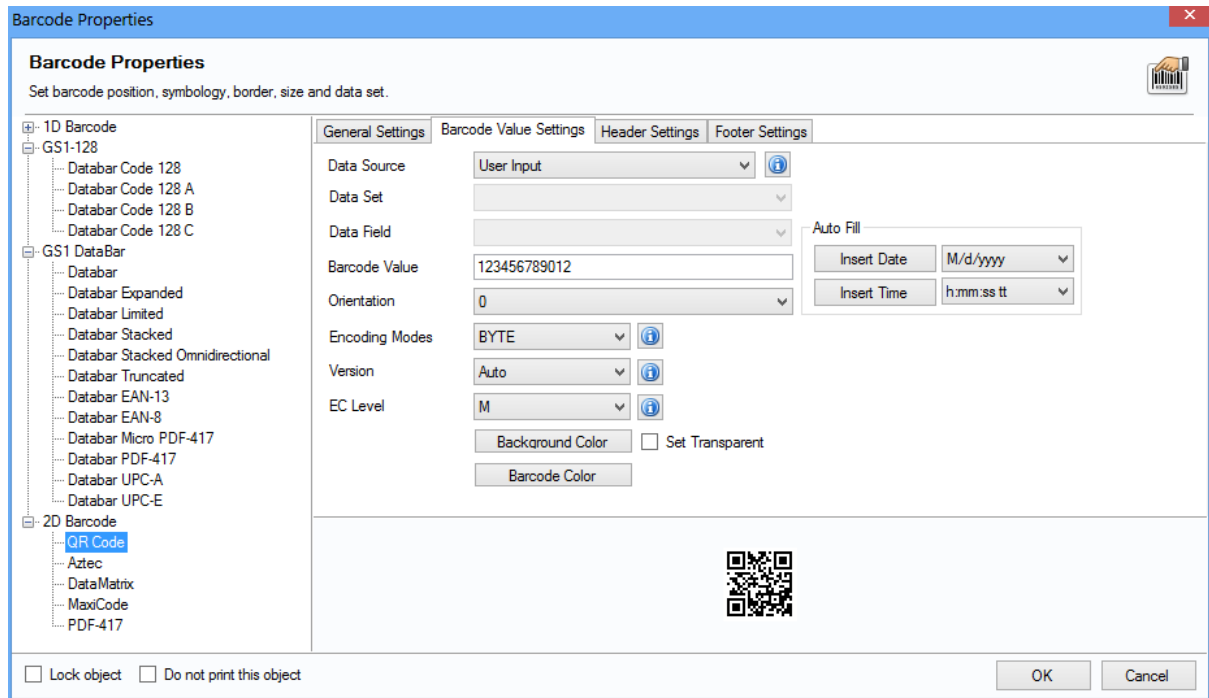
**DataMatrix**

**MaxiCode**

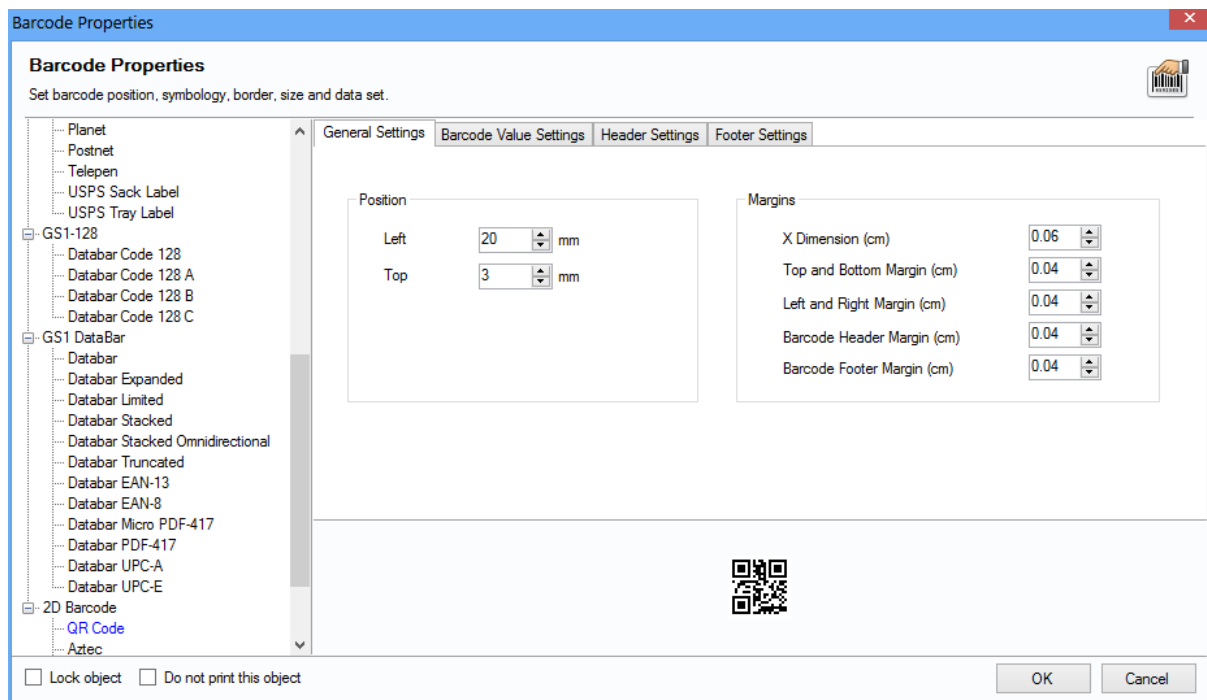
## PDF-417

### 6.2.2.1 QR Code

On selecting any QR Code, Properties window includes following tabs:

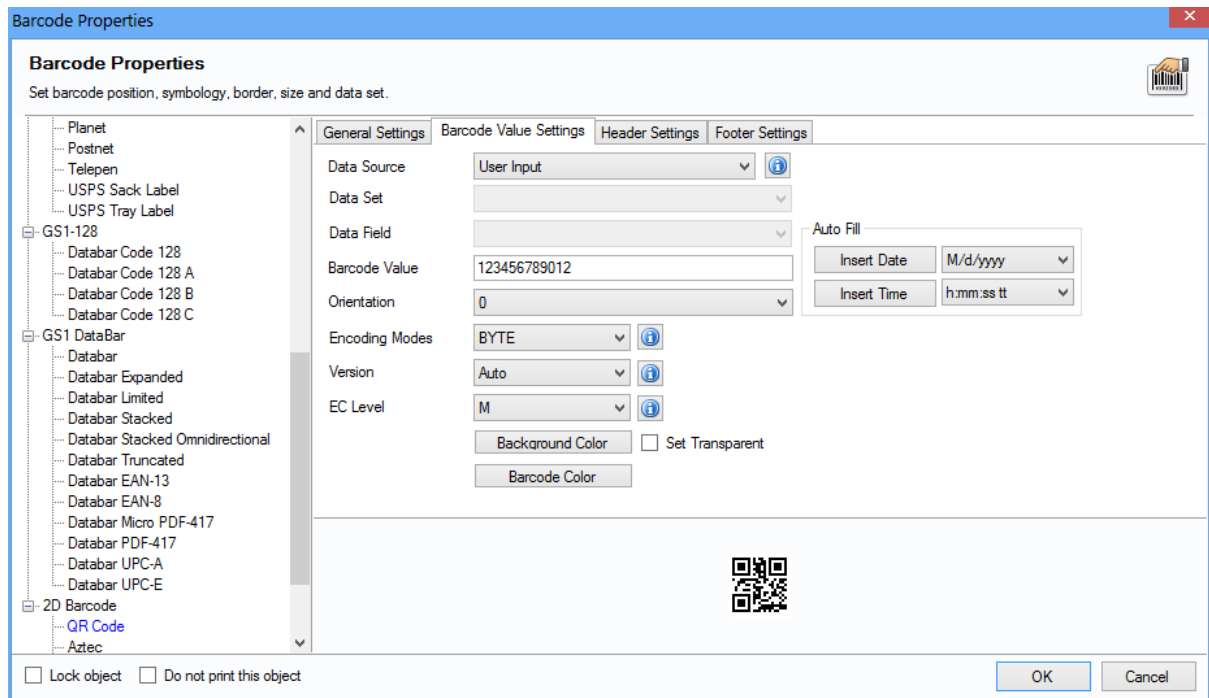


**General Settings** tab includes following options:



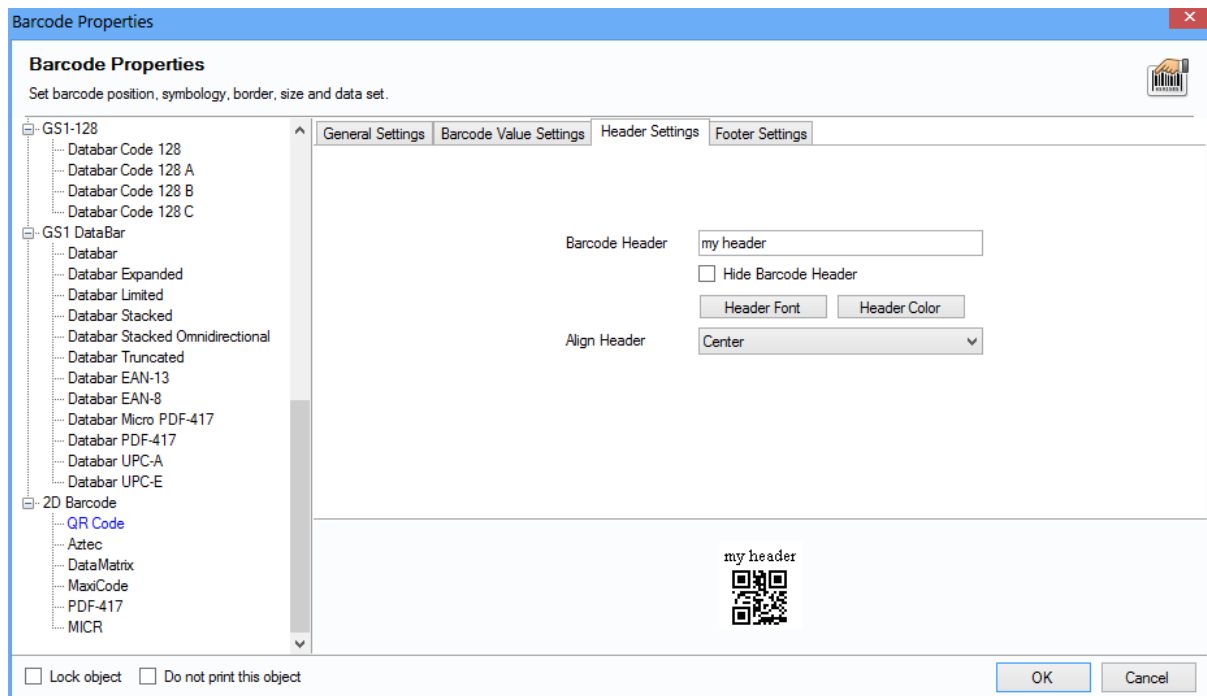
- Left and Top position – Set Left and Top positions to place barcode in the label.
- X Dimension (cm) – Set the X Dimension Value.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.
- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

**Barcode Value Settings tab includes following options:**



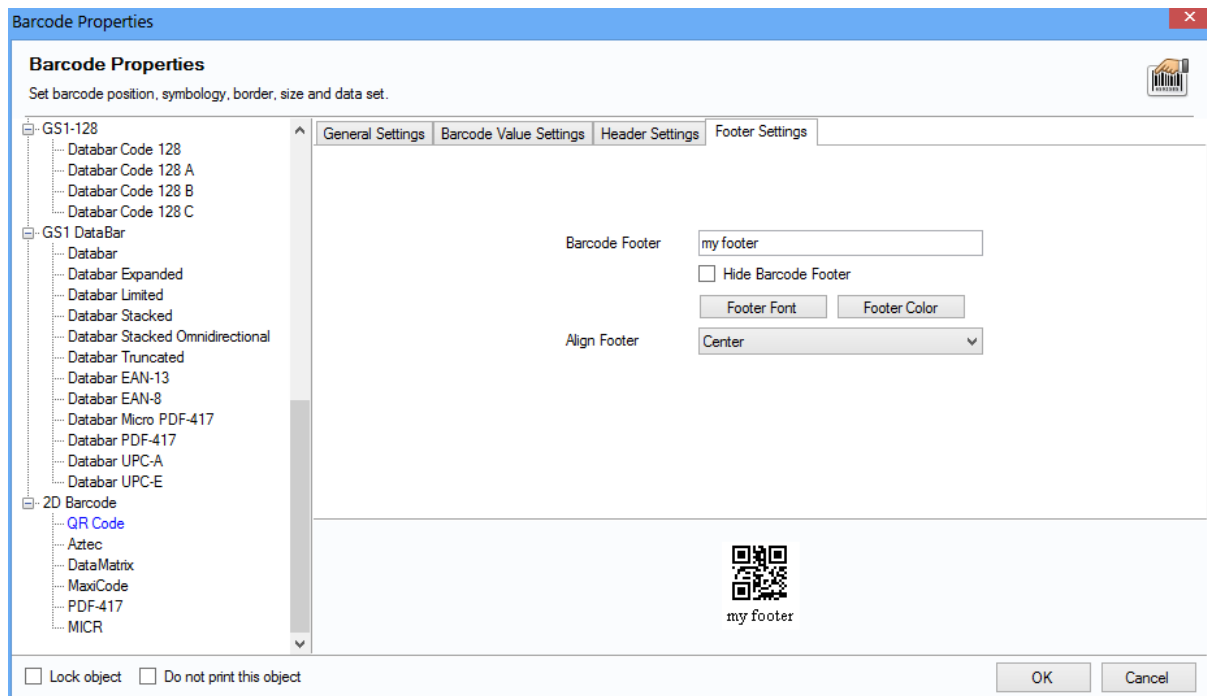
- Barcode Value – Enter the Barcode Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Encoding Modes – Select the Encoding Modes.
- Version – Select the Version
- EC Level – Set the Error Correction Level
- Barcode Color – Set the Barcode Color.
- Barcode Background Color – Set the Barcode Background Color.

**Header Settings tab includes following options:**



- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

**Footer Settings tab includes following options:**



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

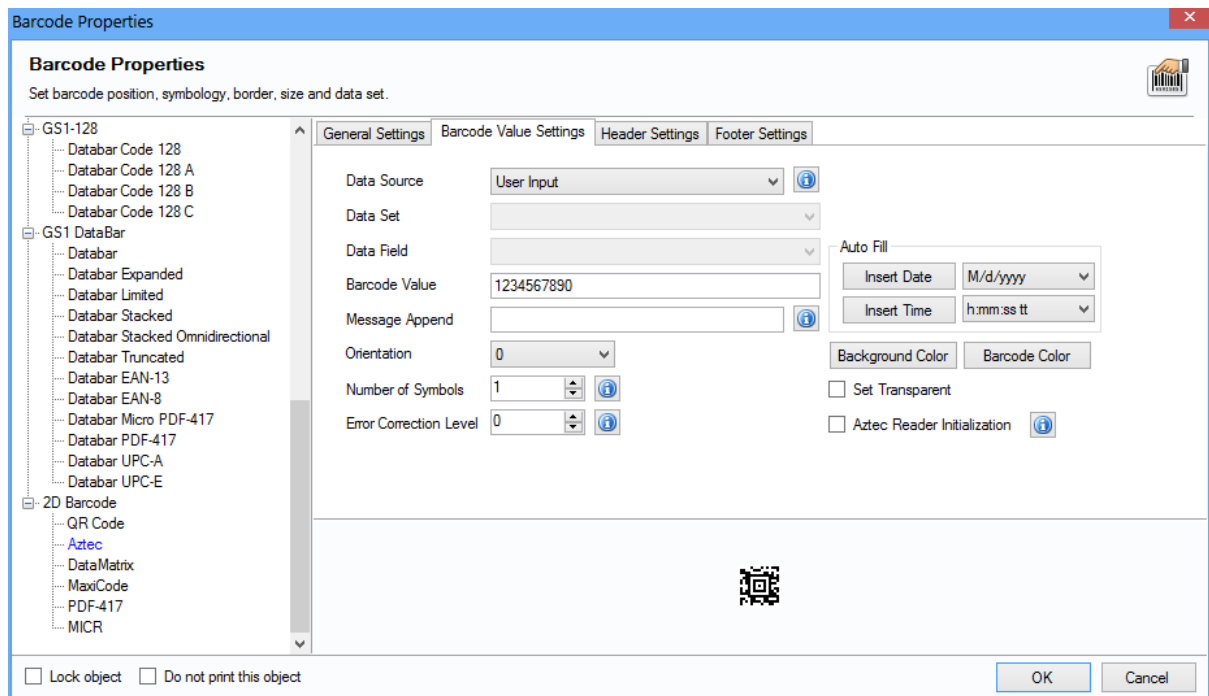
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

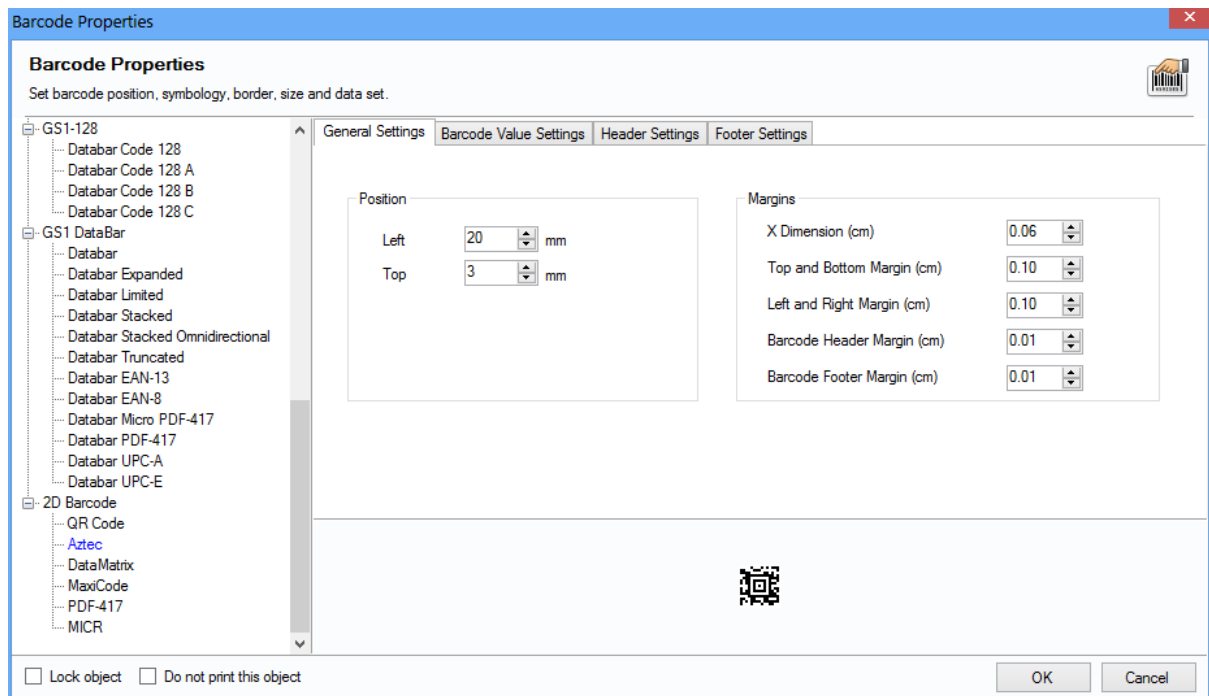
Click “**OK**” button to apply the settings.

#### 6.2.2.2 Aztec

On selecting any Aztec, Properties window includes following tabs:



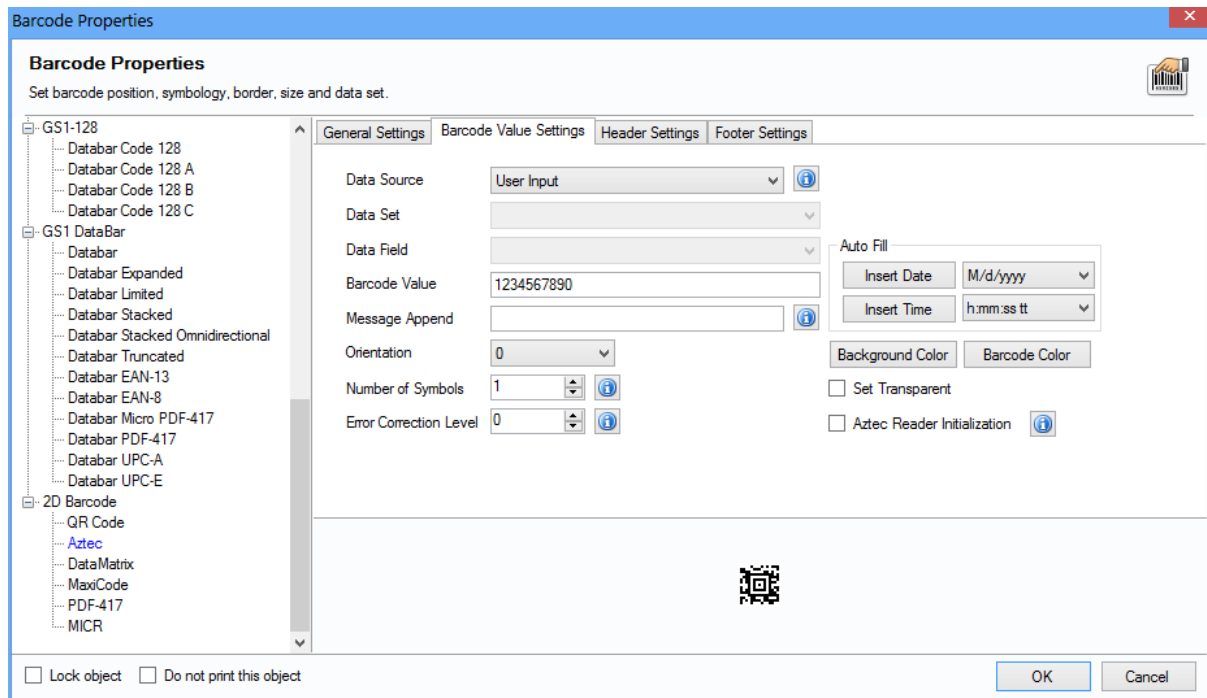
**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.
- X Dimension (cm) – Set the X Dimension Value.

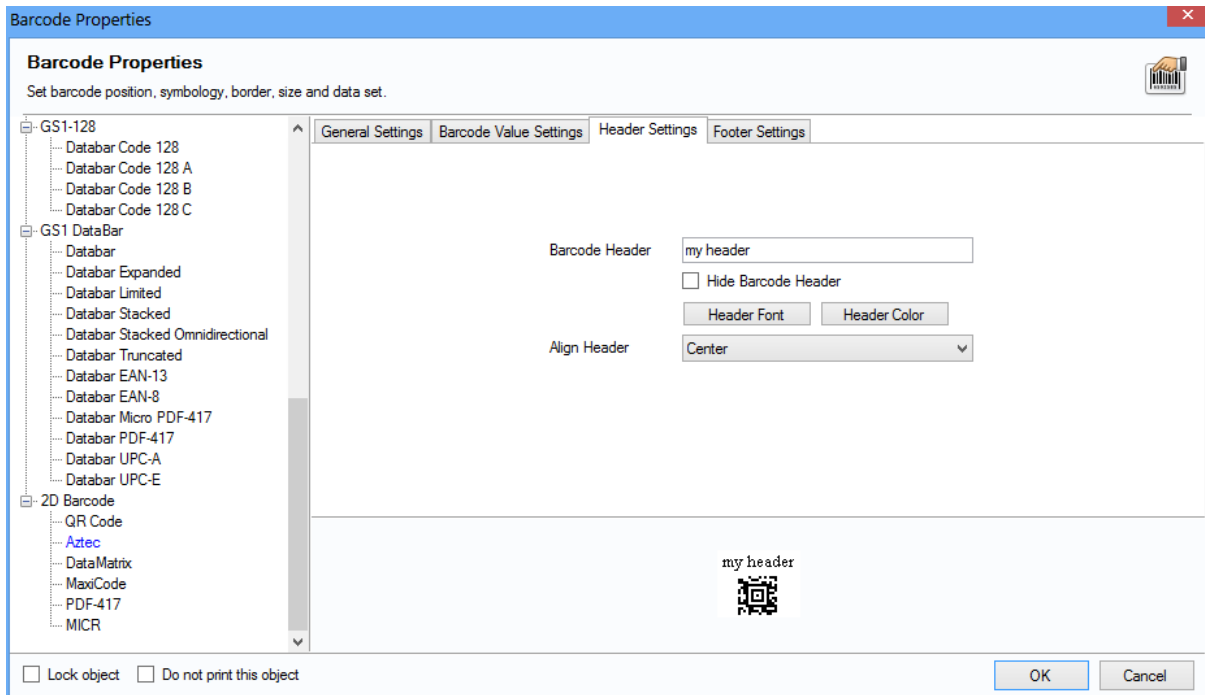
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.
- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

**Barcode Value Settings tab includes following options:**



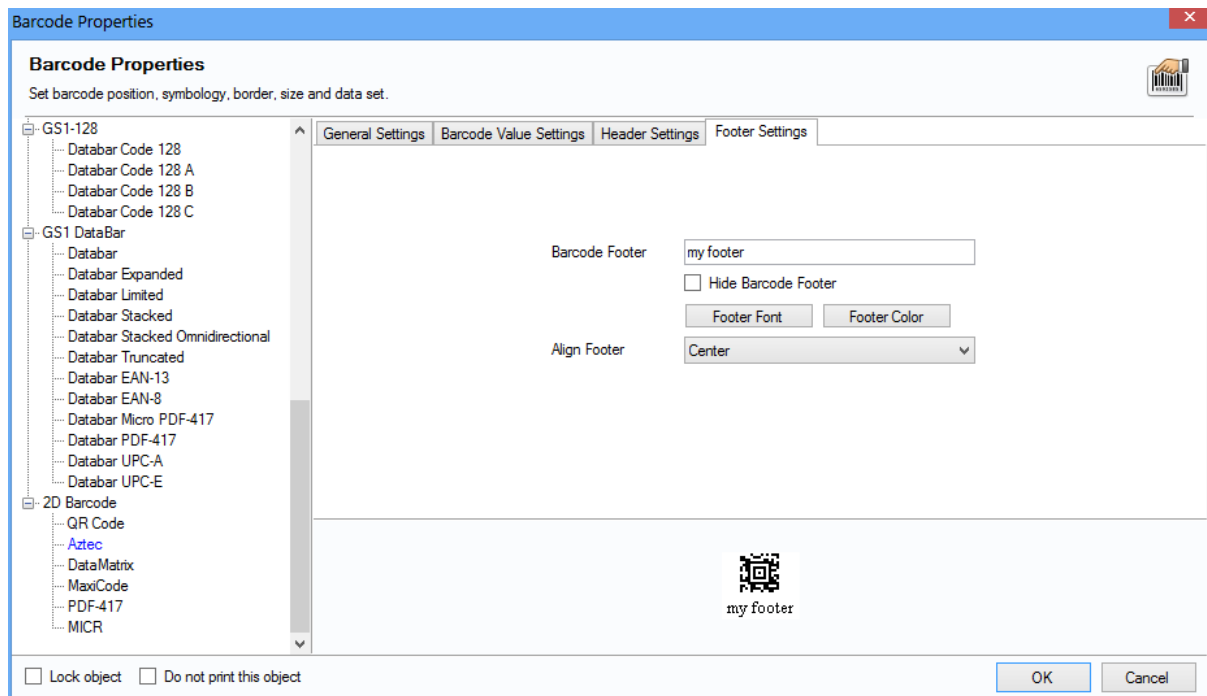
- Barcode Value – Enter the Barcode Value.
- Message Append – Specify the message appended across multiple symbols if Number of Symbols is greater than 1.
- Aztec Reader Initialization – Select if reader initialization symbol requires.
- Number of Symbols – Select number of symbols.
- Error Correction Level – Select Error correction Level Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Bar Color – Set the Barcode Color.
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

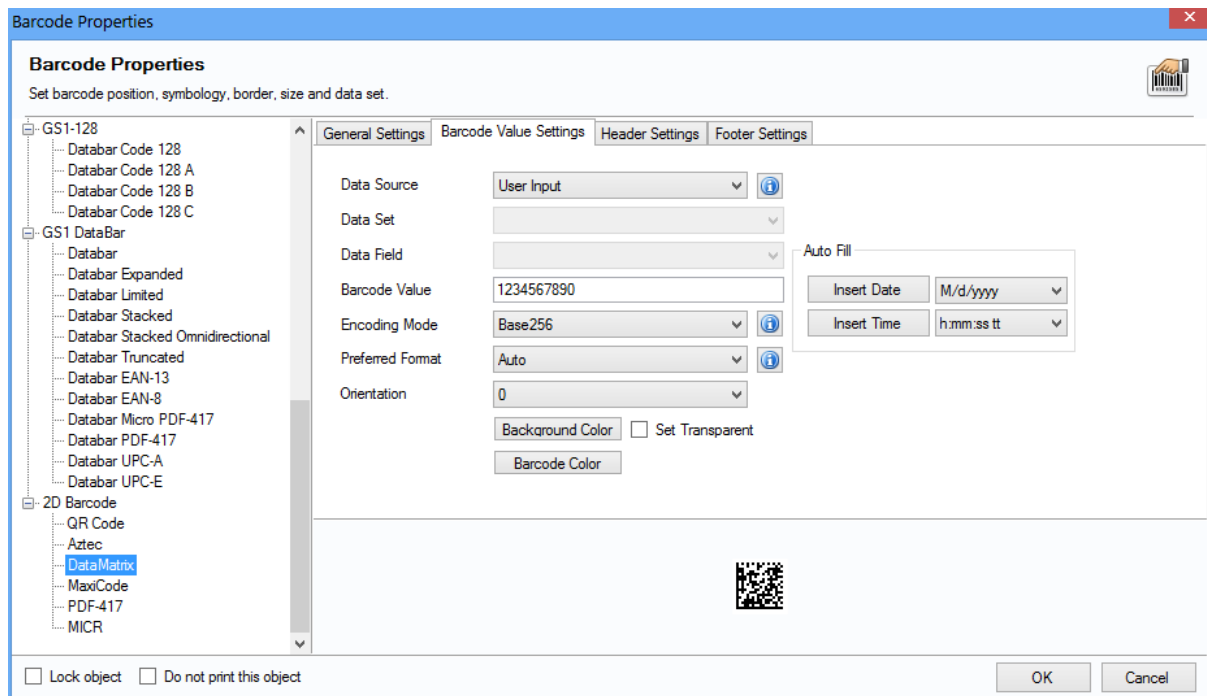
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

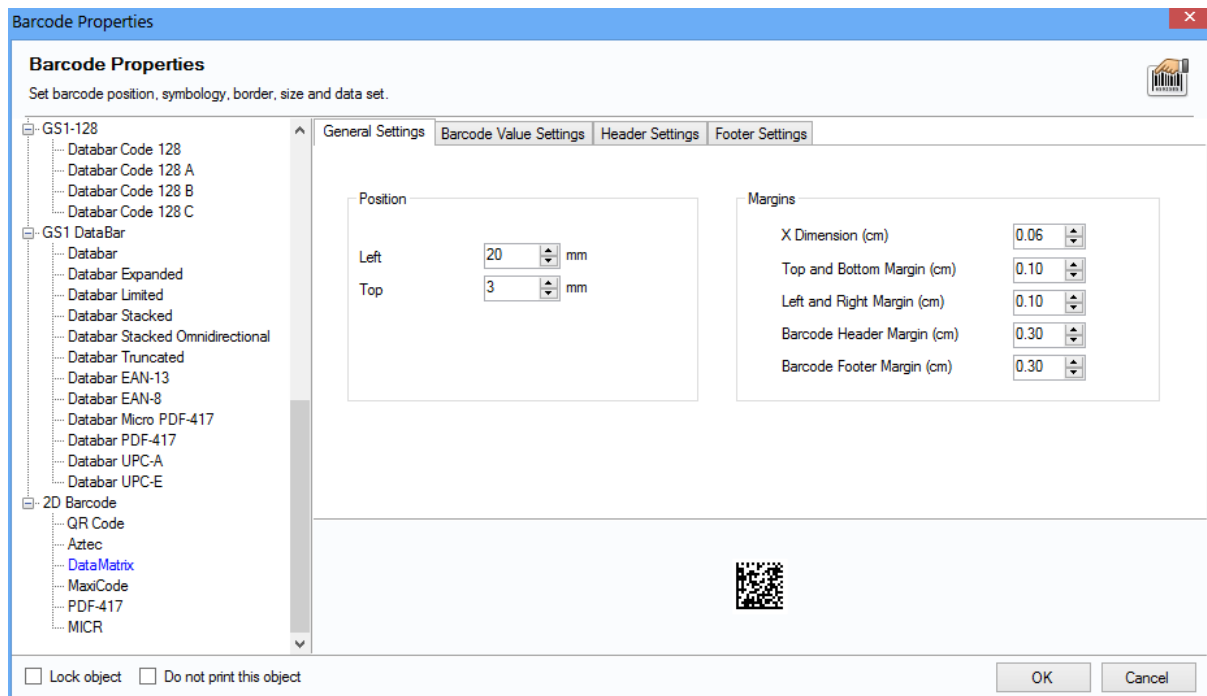
Click “**OK**” button to apply the settings.

### 6.2.2.3 DataMatrix

On selecting any DataMatrix, Properties window includes following tabs:



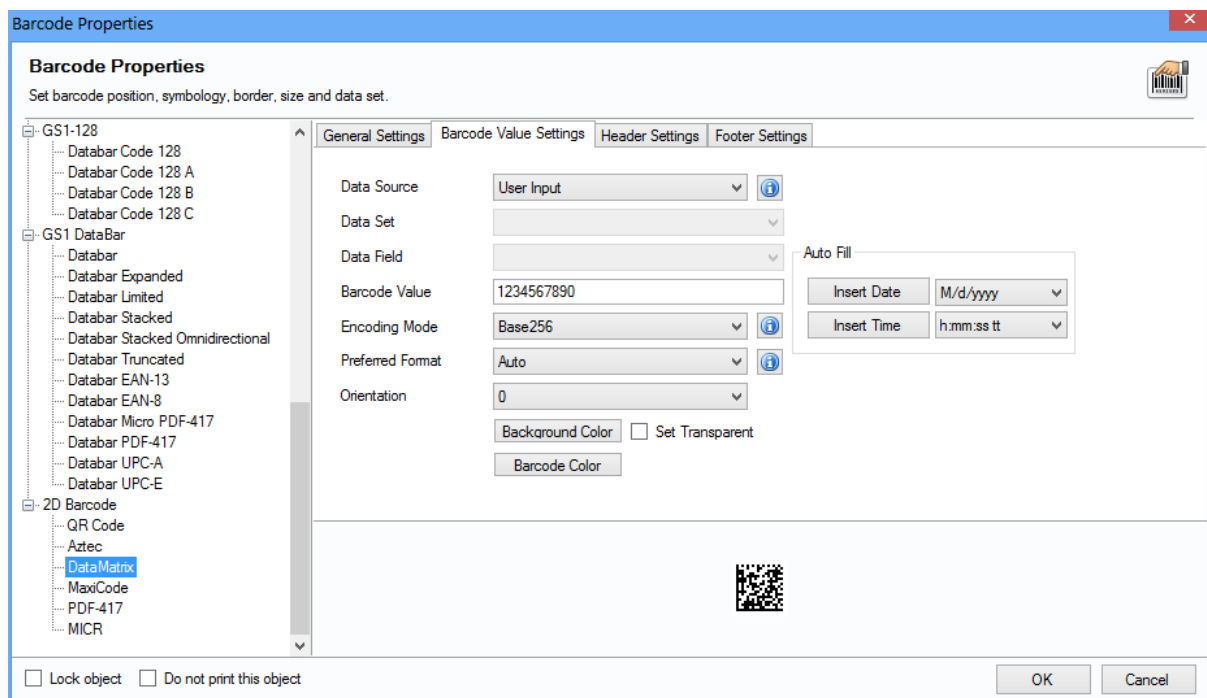
**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.
- X Dimension (cm) – Set the X Dimension Value.

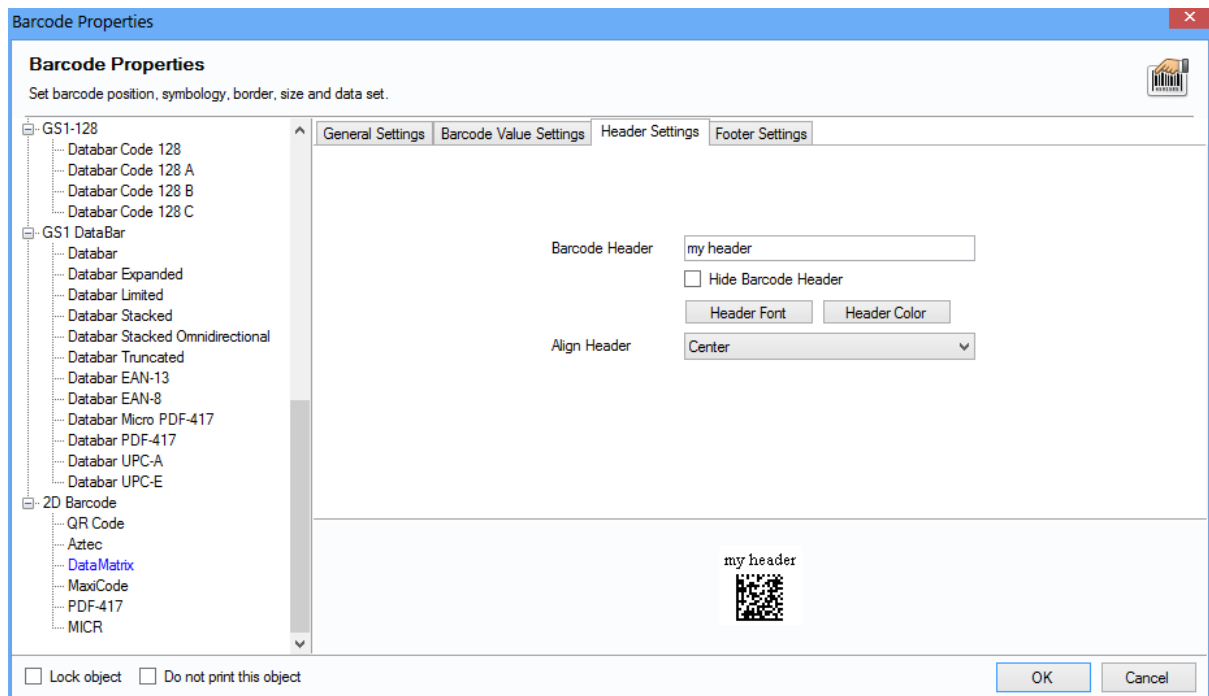
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.
- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

### Barcode Value Settings tab includes following options:



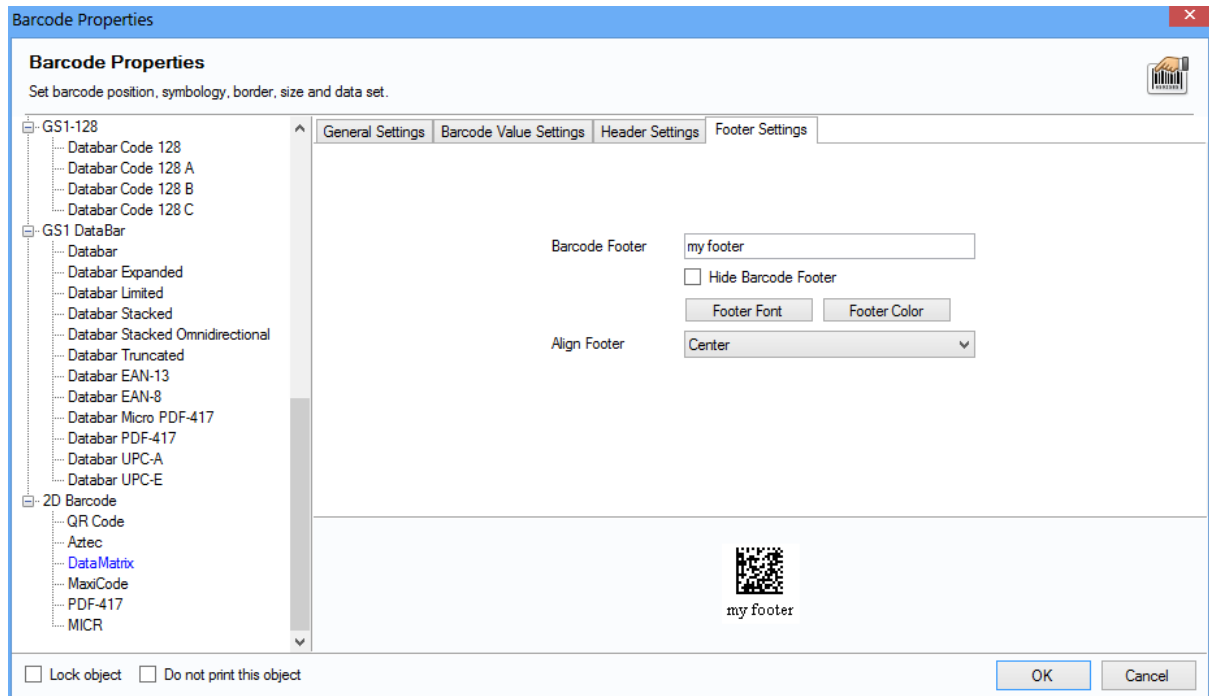
- Barcode Value – Enter the Barcode Value.
- Encoding Mode – Set the Encoding Mode.
- Preferred Format – Set the Preferred Mode.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Color – Set the Barcode Color.
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

**Footer Settings tab includes following options:**



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

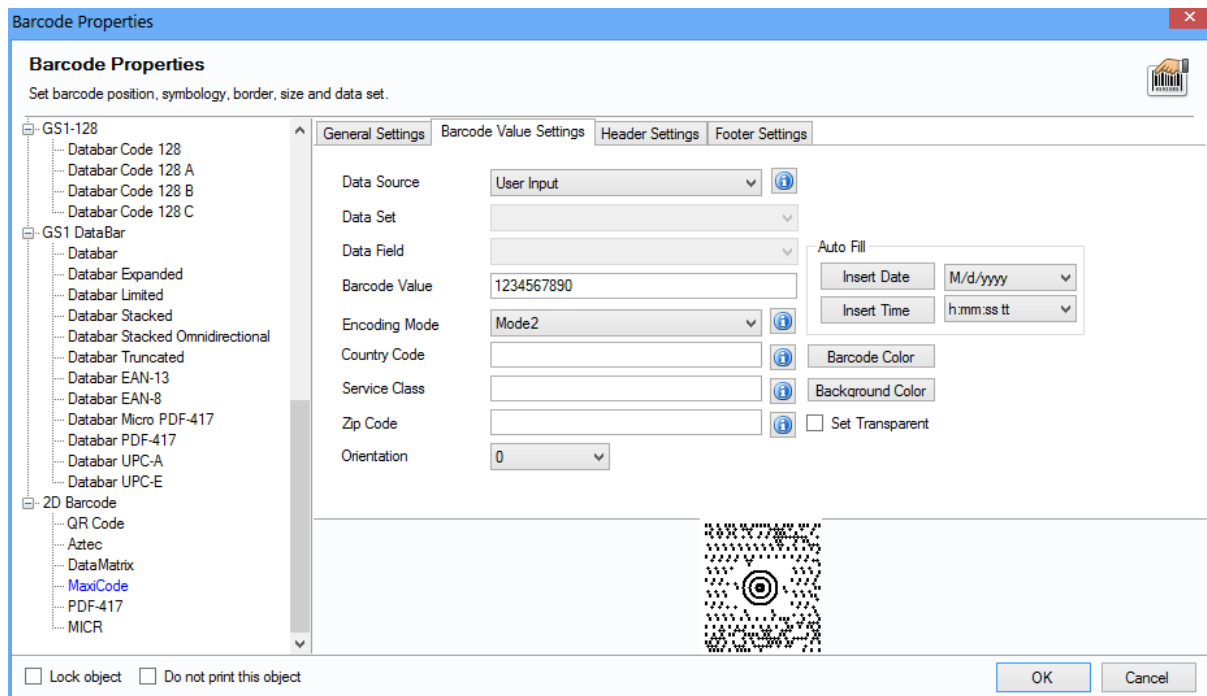
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

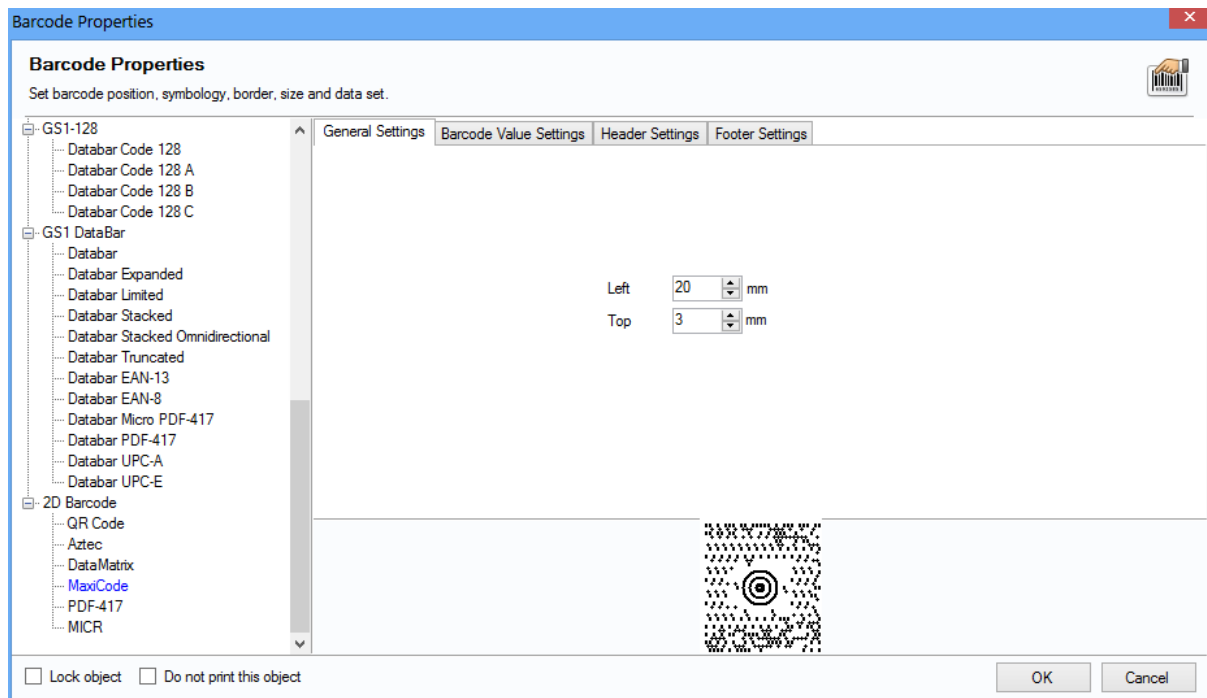
Click “**OK**” button to apply the settings.

#### 6.2.2.4 MaxiCode

On selecting any MaxiCode, Properties window includes following tabs:

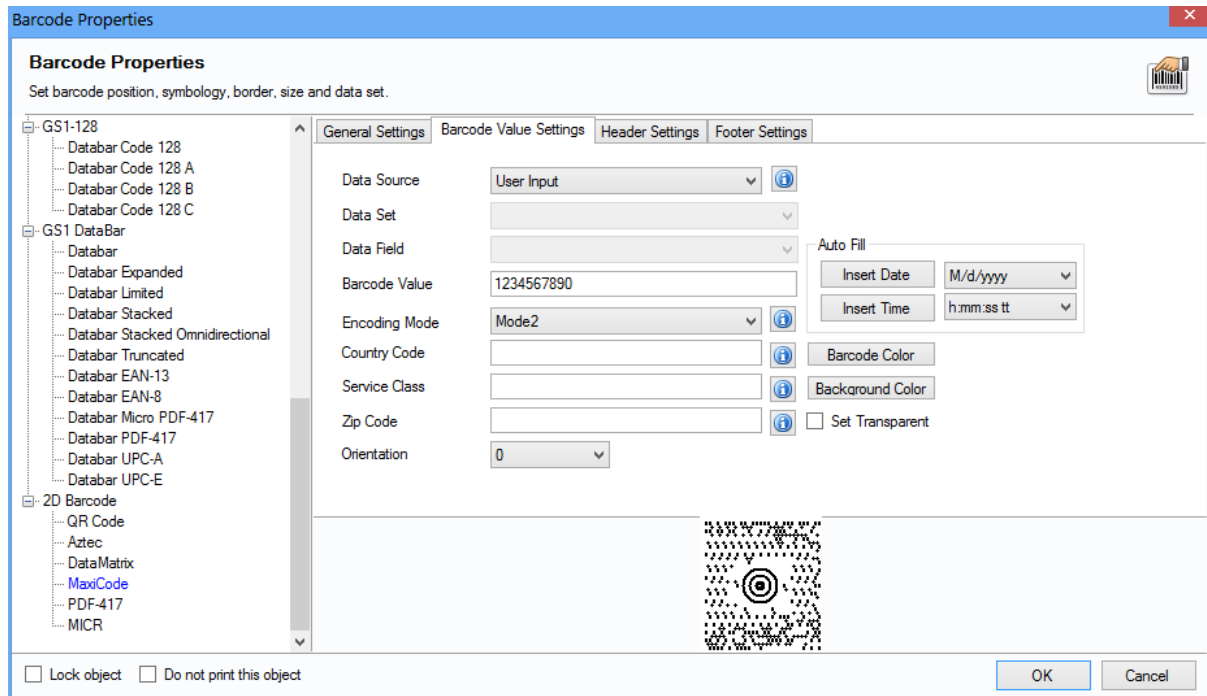


**General Settings tab includes following options:**



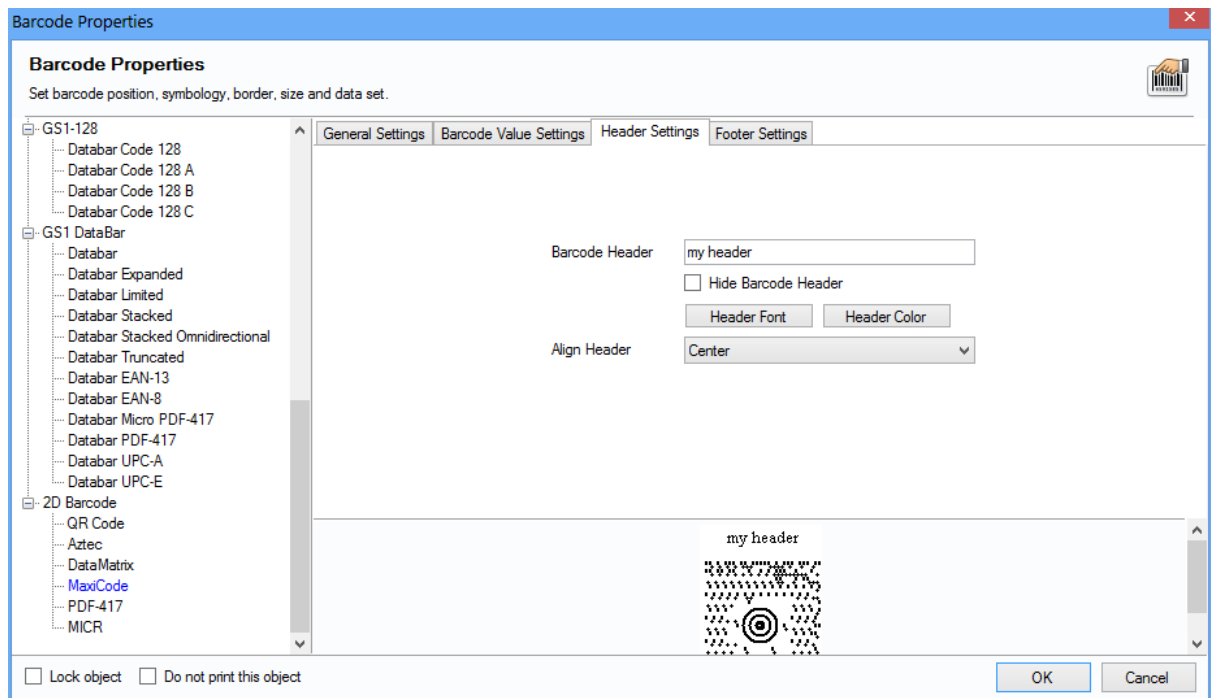
- Left and Top position – Set Left and Top positions to place barcode in the label.

### Barcode Value Settings tab includes following options:



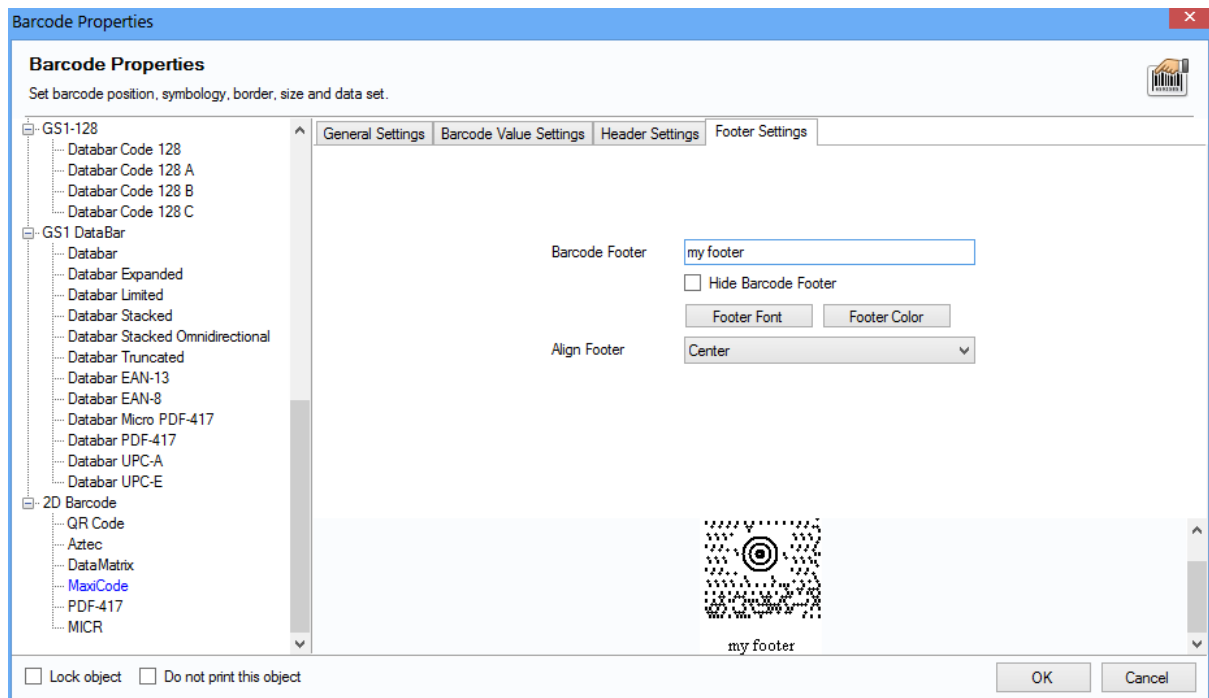
- Barcode Value – Enter the Barcode Value.
- Encoding Mode – Set the Encoding Mode.
- Country Code – Enter the Country Code.
- Service Class – Enter the Service Class.
- Zip Code – Enter the Zip Code.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Color – Set the Barcode Color.
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

**Footer Settings tab includes following options:**



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

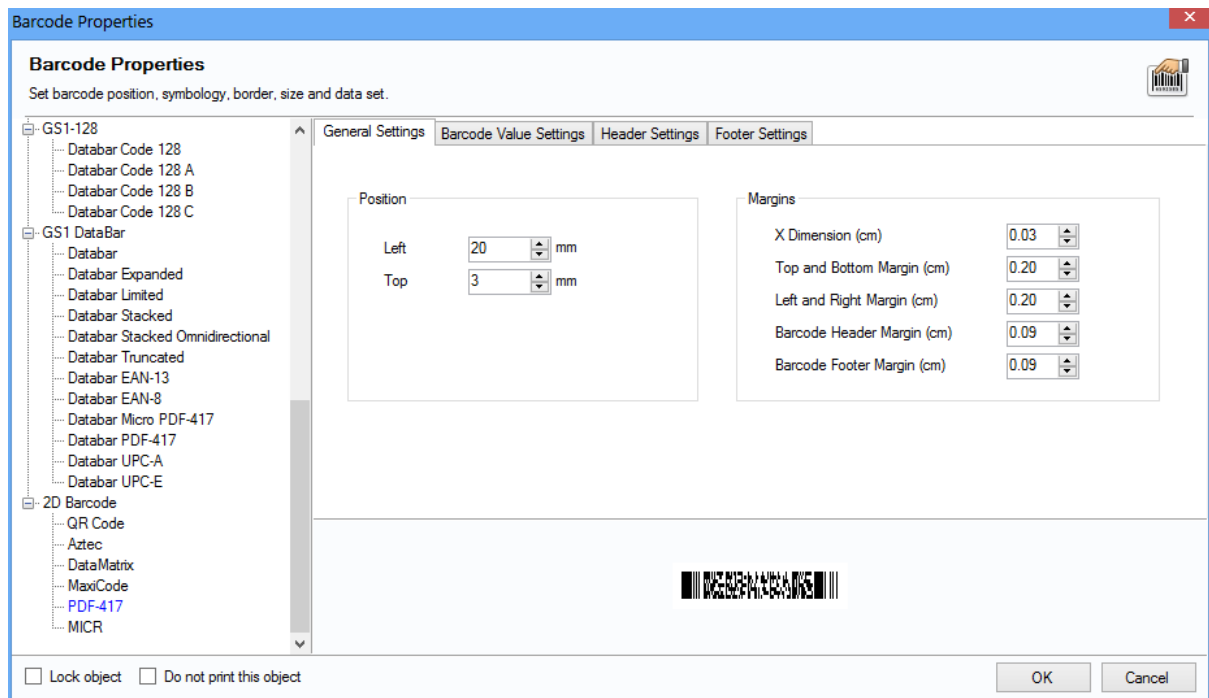
Click “**OK**” button to apply the settings.

#### 6.2.2.5 PDF-417

On selecting any PDF-417, Properties window includes following tabs:



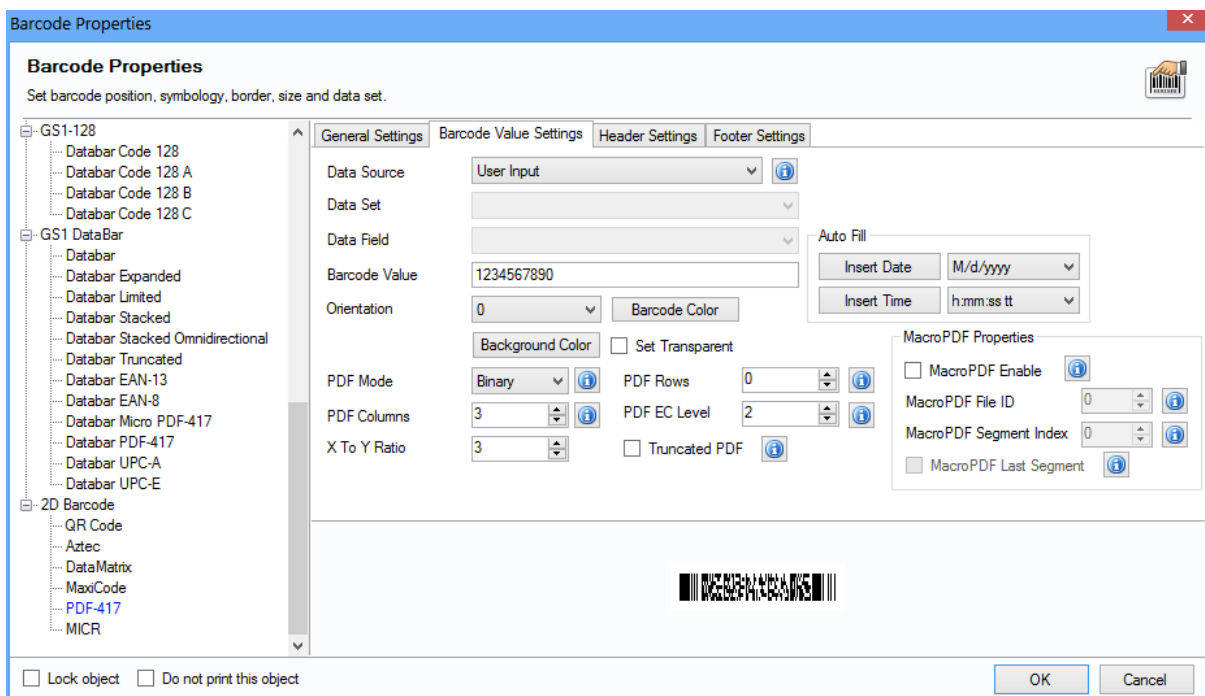
**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.

- X Dimension (cm) – Set the X Dimension Value.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.
- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

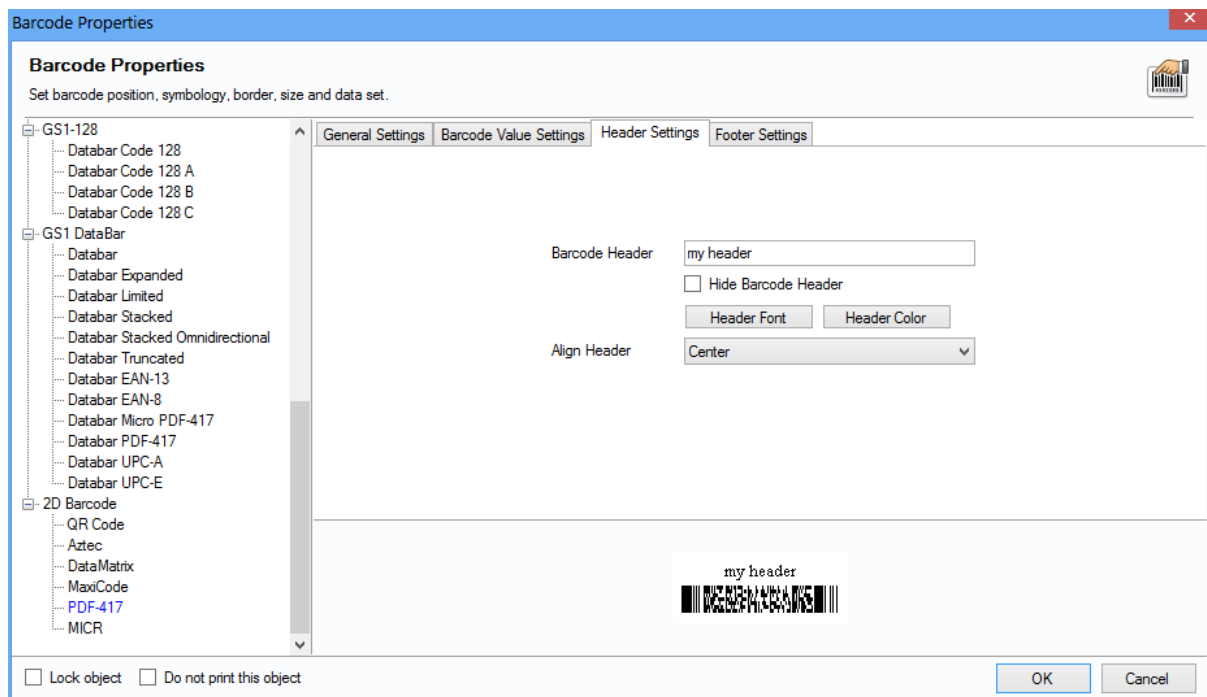
### Barcode Value Settings tab includes following options:



- Barcode Value – Enter the Barcode Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- PDF Mode – Set PDF Mode.
- PDF Columns – Set PDF Columns Value.
- PDF Rows – Set PDF Rows Value.
- PDF EC Level – Set PDF EC Level Value.
- PDF X to Y Ratio – Set PDF X to Y Ratio Value.
- Truncated PDF – Select to Truncate PDF.

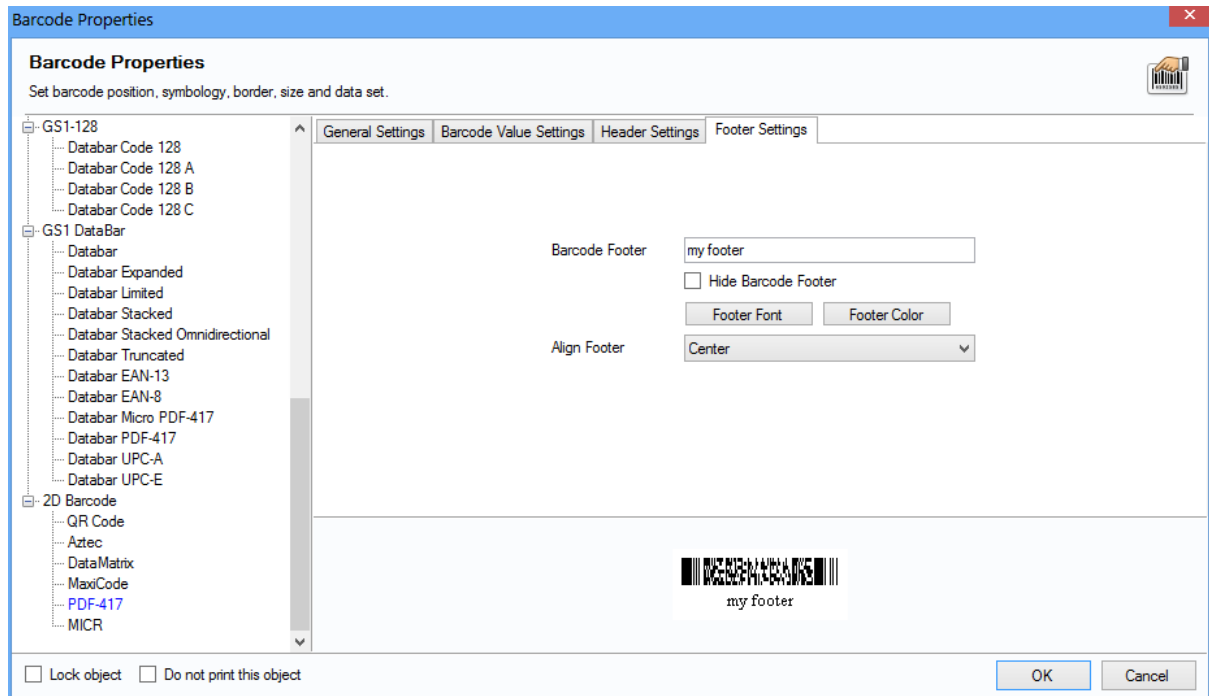
- Macro PDF Properties
  - MacroPDF Enable – Select to enable MacroPDF
  - MacroPDF File ID – Set MacroPDF File ID
  - MacroPDF Segment Index – Set MacroPDF Segment Index
  - MacroPDF Last Segment – Select to enable MacroPDF Last Segment
- Barcode Color – Set the Barcode Color.
- Barcode Background Color – Set the Barcode Background.

**Header Settings tab includes following options:**



- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

**Footer Settings tab includes following options:**



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

Click “**OK**” button to apply the settings.

### 6.2.3 DataBar Barcode

- DataBar
- DataBar Code 128
- DataBar Code 128 A
- DataBar Code 128 B

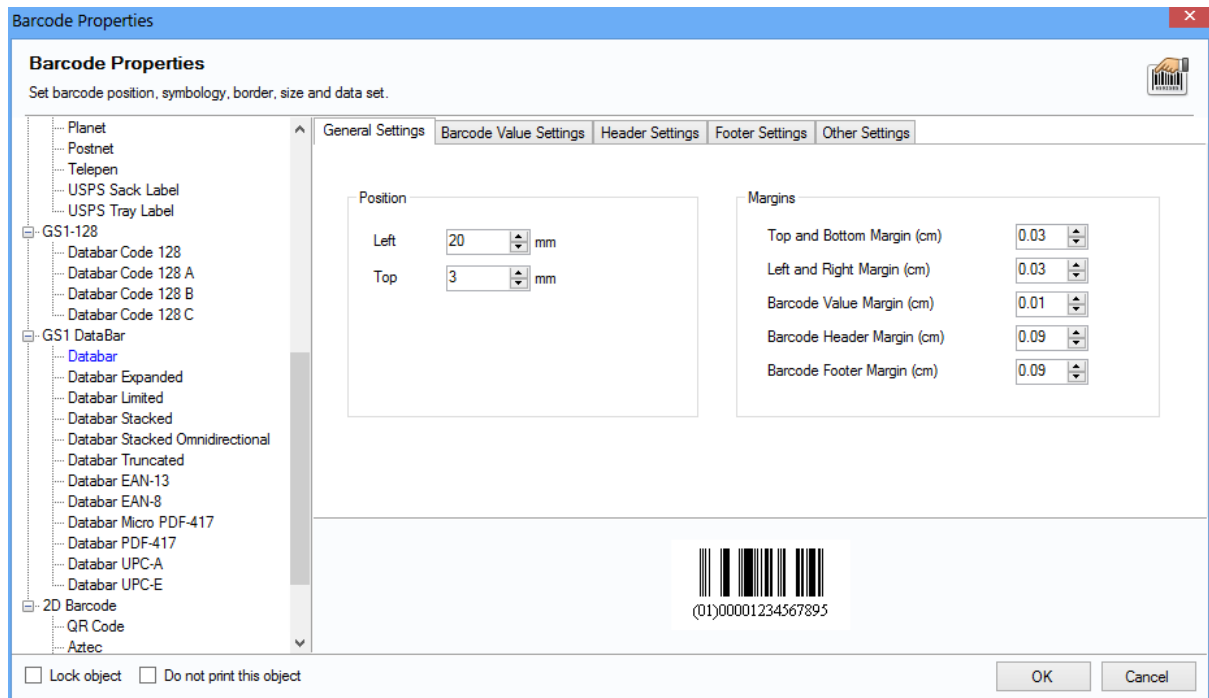
- DataBar Code 128 C
- DataBar Expanded
- DataBar Limited
- DataBar Stacked
- DataBar Stacked Omnidirectional
- DataBar Truncated
- DataBar EAN-13
- DataBar EAN-8
- DataBar UPC-A
- DataBar UPC-E
- DataBar Micro PDF-417
- DataBar PDF-417

### 6.2.3.1 DataBar

On selecting any DataBar, Properties window includes following:

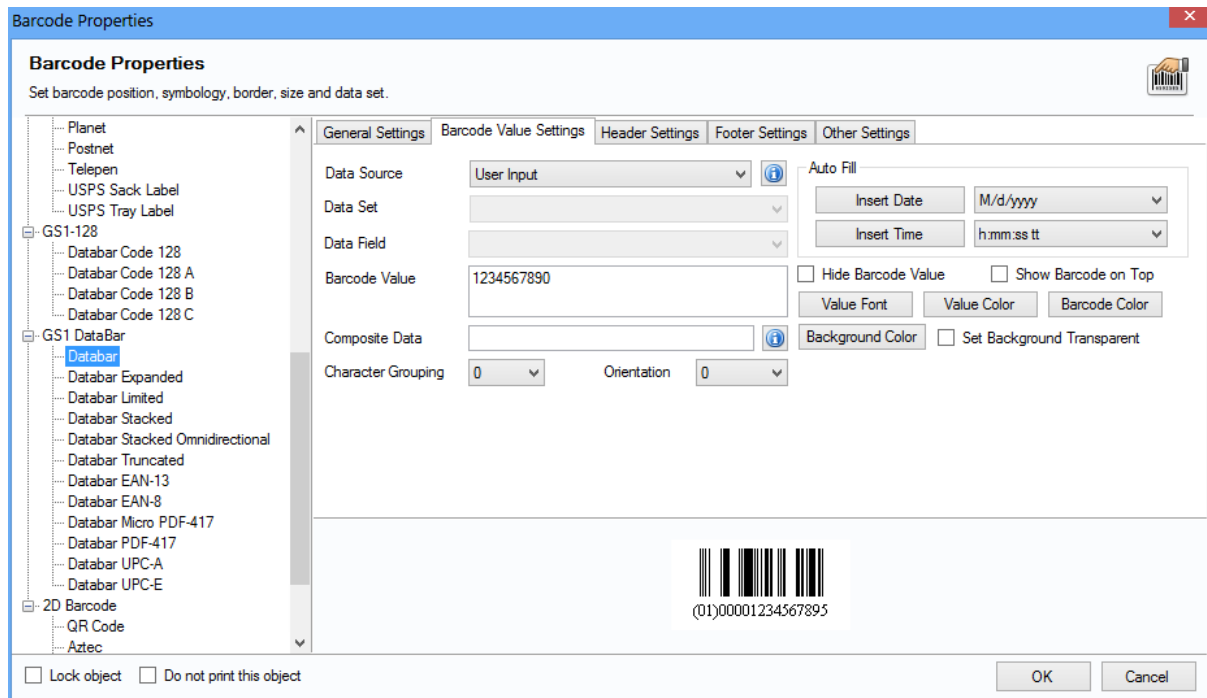
The screenshot shows the 'Barcode Properties' dialog box with the 'General Settings' tab selected. The dialog box has a title bar with a close button (X) and a small barcode icon. Below the title bar, the text reads 'Barcode Properties' and 'Set barcode position, symbology, border, size and data set.' The main area is divided into a tree view on the left and a settings panel on the right. The tree view shows a hierarchy of barcode types, with 'GS1 DataBar' expanded and 'Databar' selected. The settings panel includes tabs for 'General Settings', 'Barcode Value Settings', 'Header Settings', 'Footer Settings', and 'Other Settings'. The 'General Settings' tab contains the following options: 'Data Source' (User Input), 'Data Set' (empty), 'Data Field' (empty), 'Barcode Value' (1234567890), 'Composite Data' (empty), 'Character Grouping' (0), and 'Orientation' (0). There are also 'Auto Fill' options for 'Insert Date' (M/d/yyyy) and 'Insert Time' (h:mm:ss tt). Checkboxes for 'Hide Barcode Value', 'Show Barcode on Top', 'Background Color', and 'Set Background Transparent' are present. Buttons for 'Value Font', 'Value Color', and 'Barcode Color' are also visible. At the bottom, there are 'Lock object' and 'Do not print this object' checkboxes, and 'OK' and 'Cancel' buttons. A preview of a DataBar barcode is shown at the bottom right of the settings panel, with the value '(01)00001234567895' below it.

**General Settings tab includes following options:**



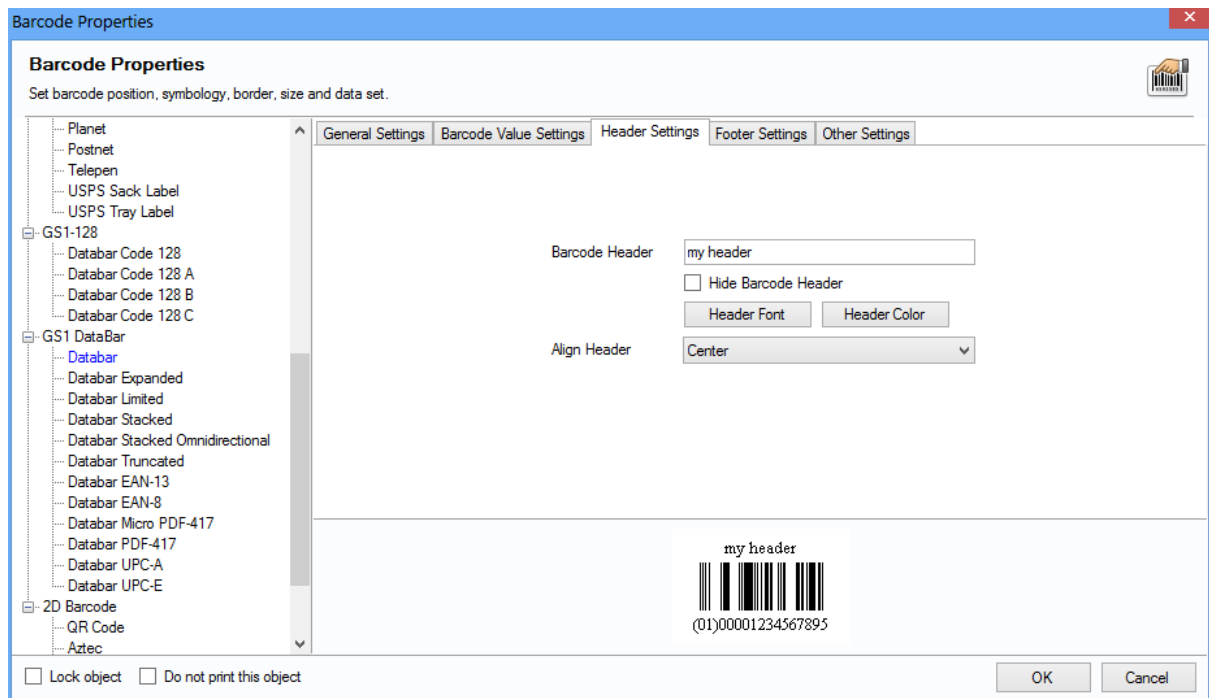
- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.
- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

**Barcode Value Settings tab includes following options:**



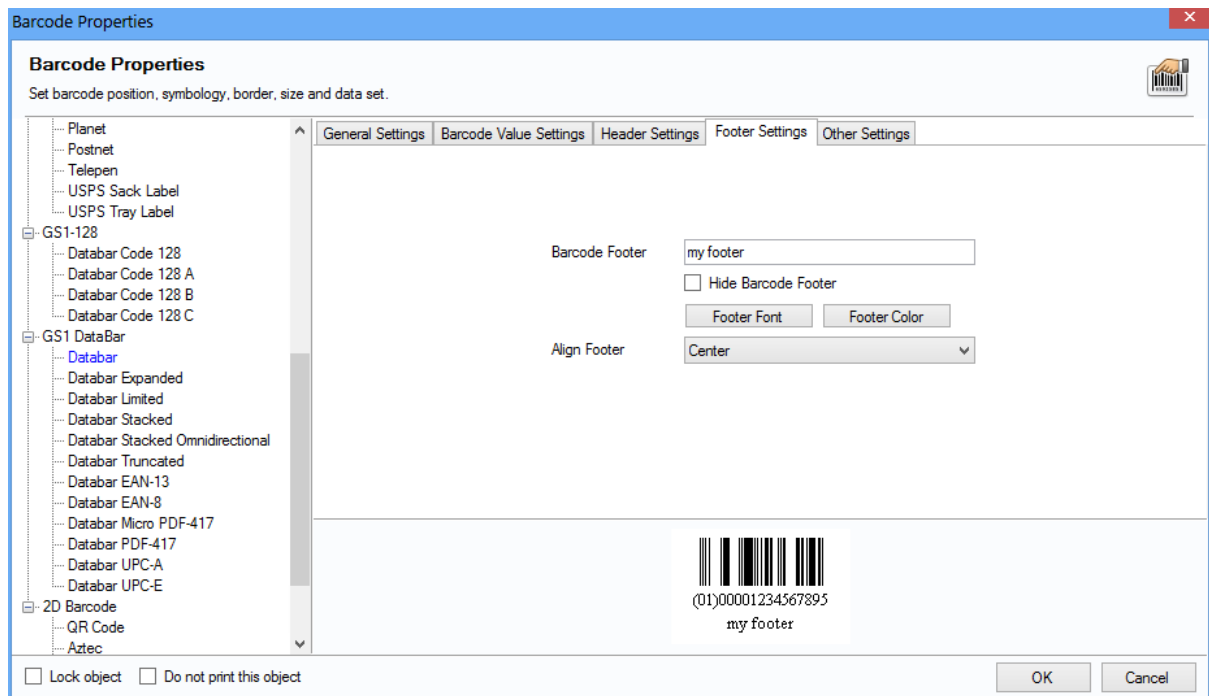
- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.
- Barcode Background Color – Set the Barcode Background Color.

**Header Settings tab includes following options:**



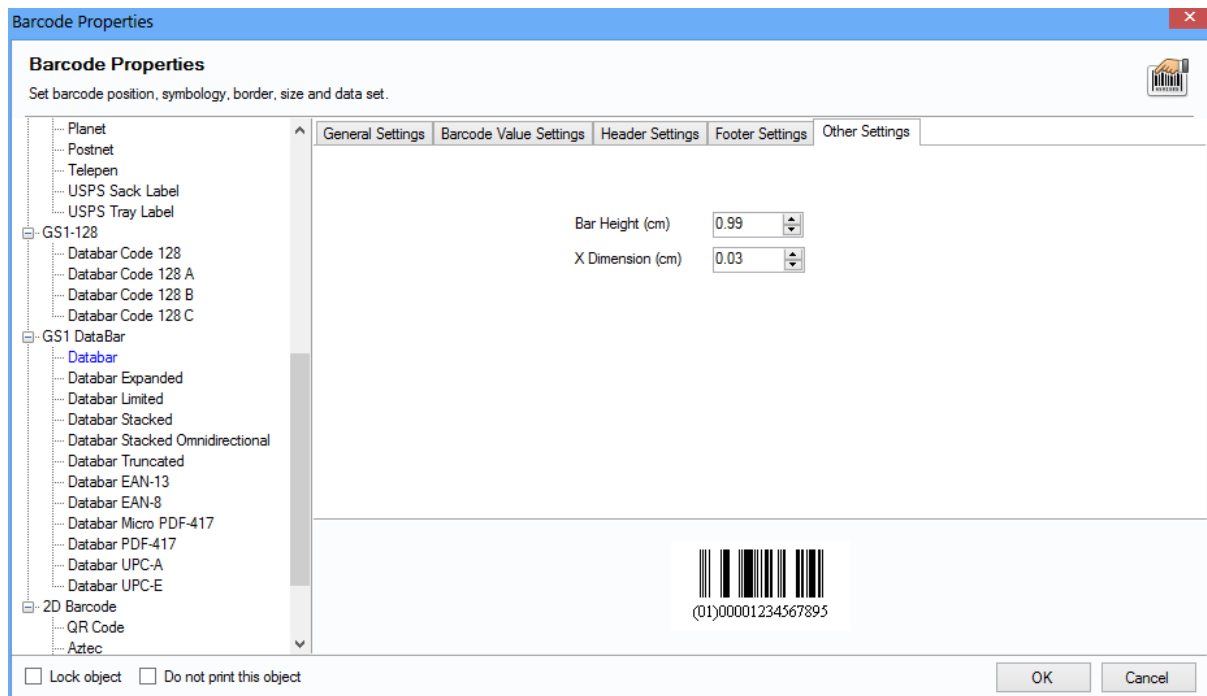
- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

**Footer Settings tab includes following options:**



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

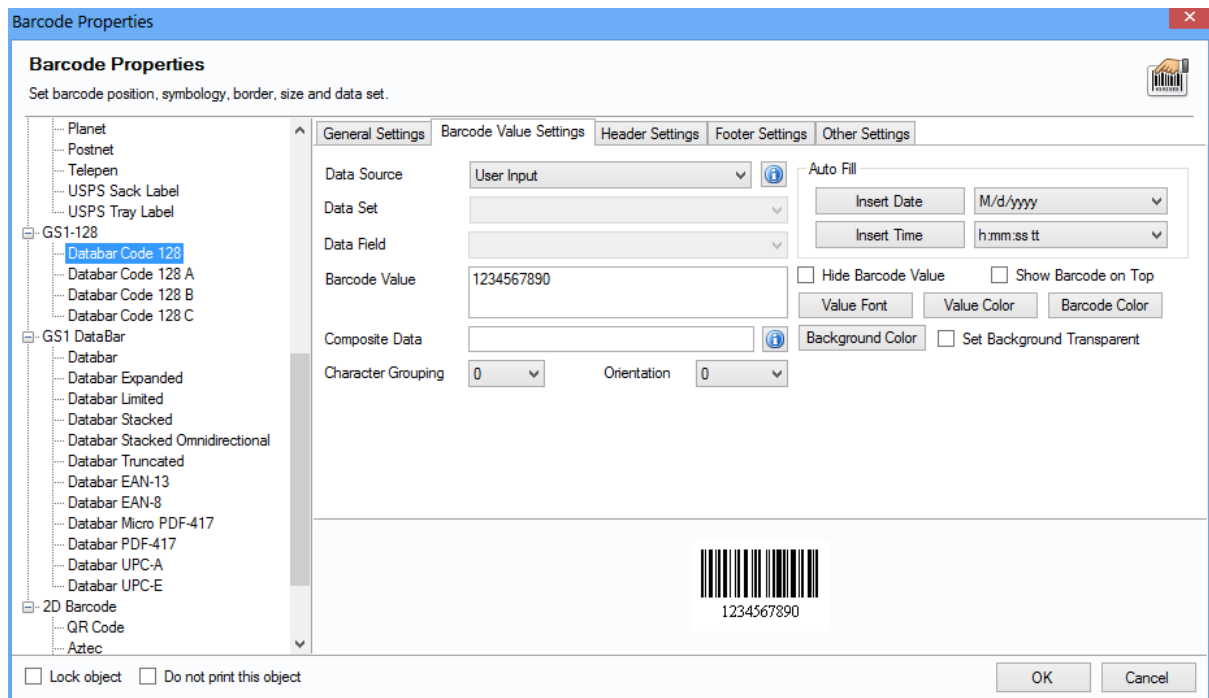
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

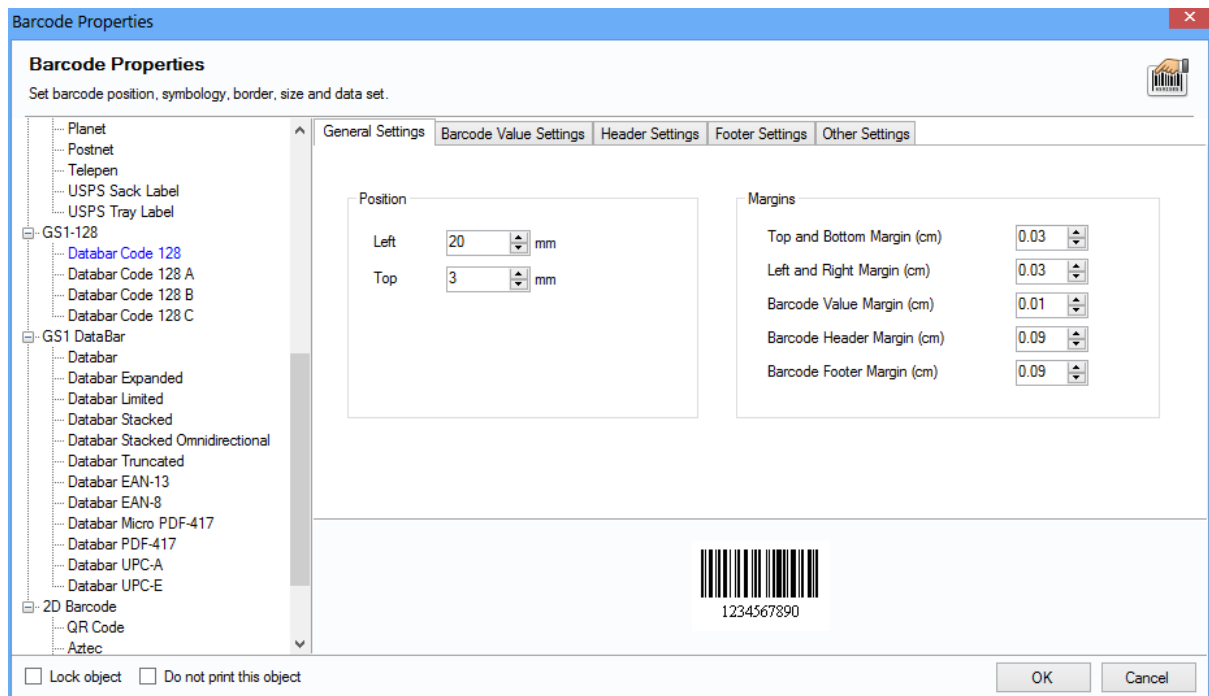
Click “**OK**” button to apply the settings.

#### 6.2.3.2 DataBar Code 128

On selecting any DataBar Code 128, Properties window includes following:



General Settings tab includes following options:



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The left pane shows a tree view of barcode types, with 'Databar Code 128' selected. The main area contains the following settings:

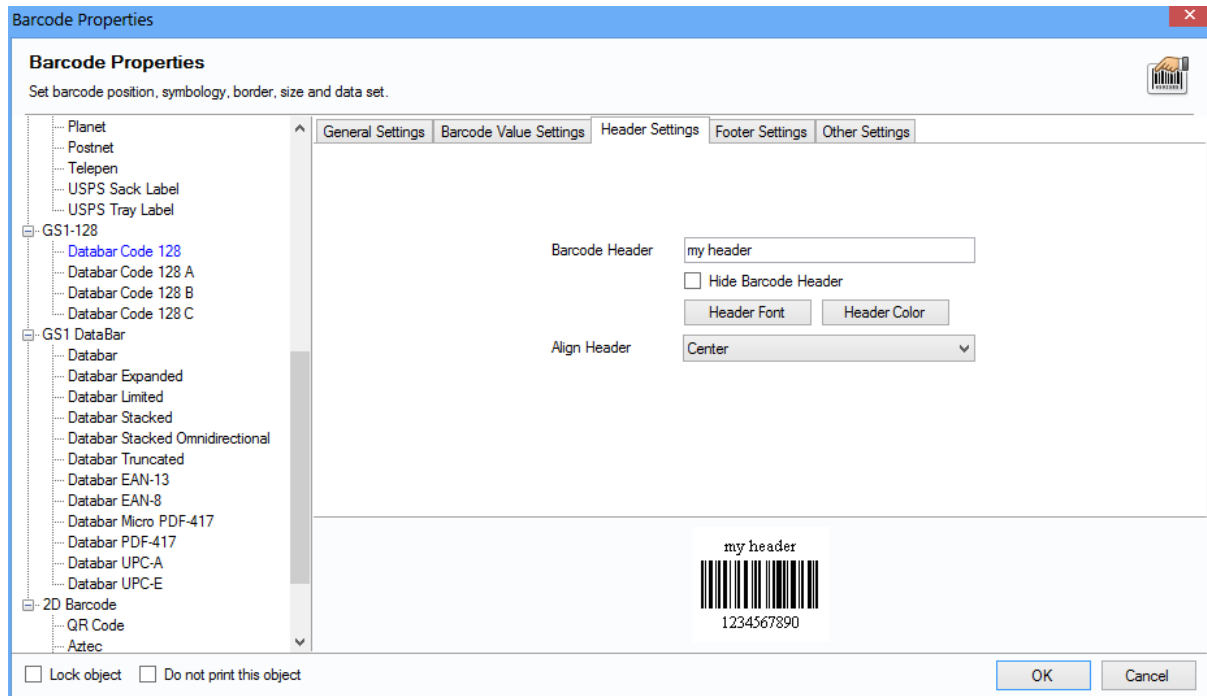
- Data Source:** User Input
- Data Set:** (empty dropdown)
- Data Field:** (empty dropdown)
- Barcode Value:** 1234567890
- Composite Data:** (empty text box)
- Character Grouping:** 0
- Orientation:** 0
- Auto Fill:**
  - Insert Date: M/d/yyyy
  - Insert Time: h:mm:ss tt
- Hide Barcode Value:**
- Show Barcode on Top:**
- Value Font:** (button)
- Value Color:** (button)
- Barcode Color:** (button)
- Background Color:** (button)
- Set Background Transparent:**

At the bottom, there is a preview of the barcode with the value '1234567890' printed below it. The dialog also has 'Lock object' and 'Do not print this object' checkboxes, and 'OK' and 'Cancel' buttons.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

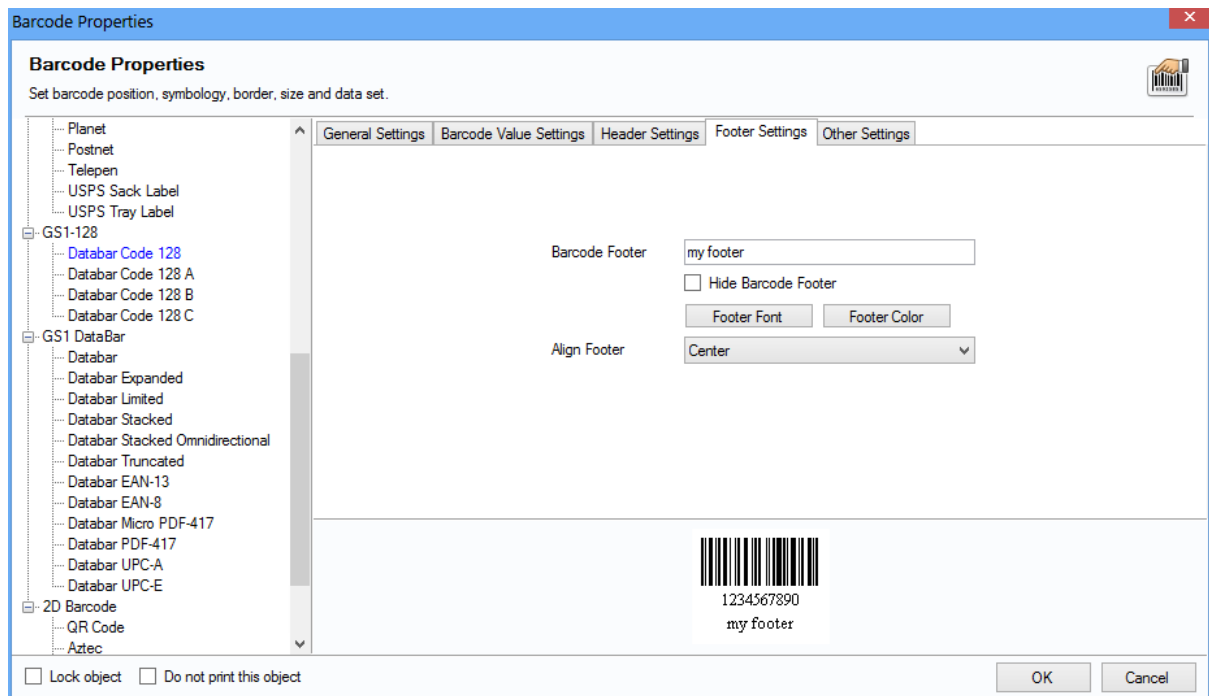
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



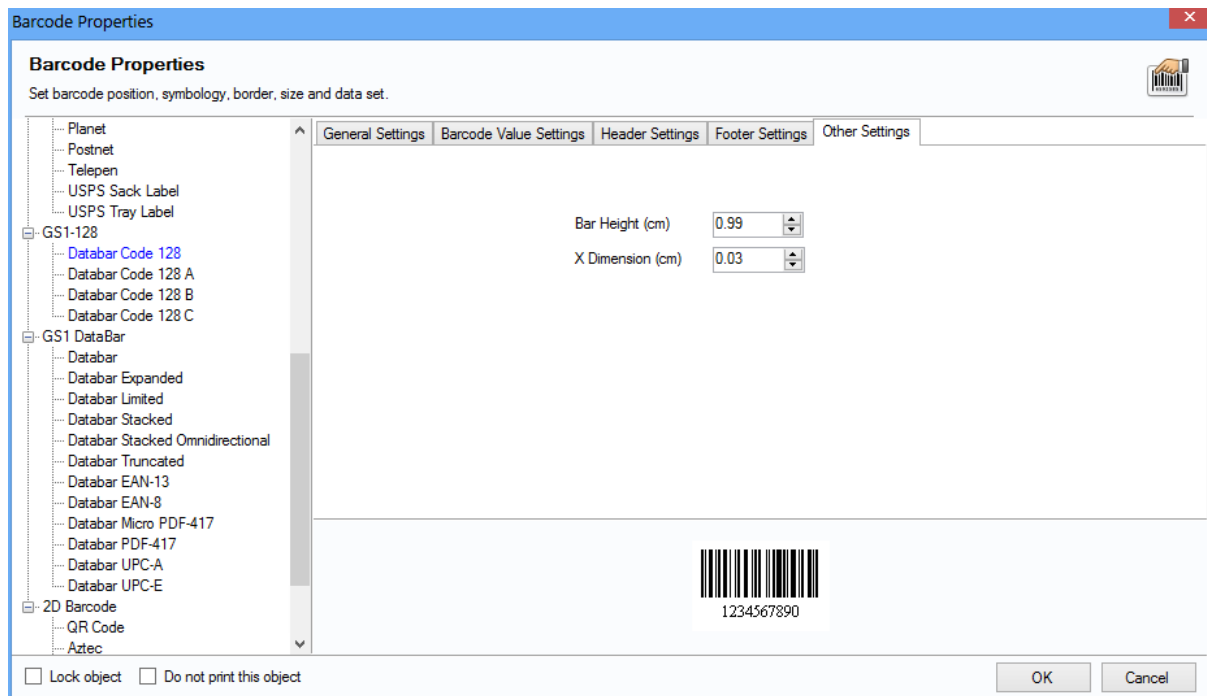
- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

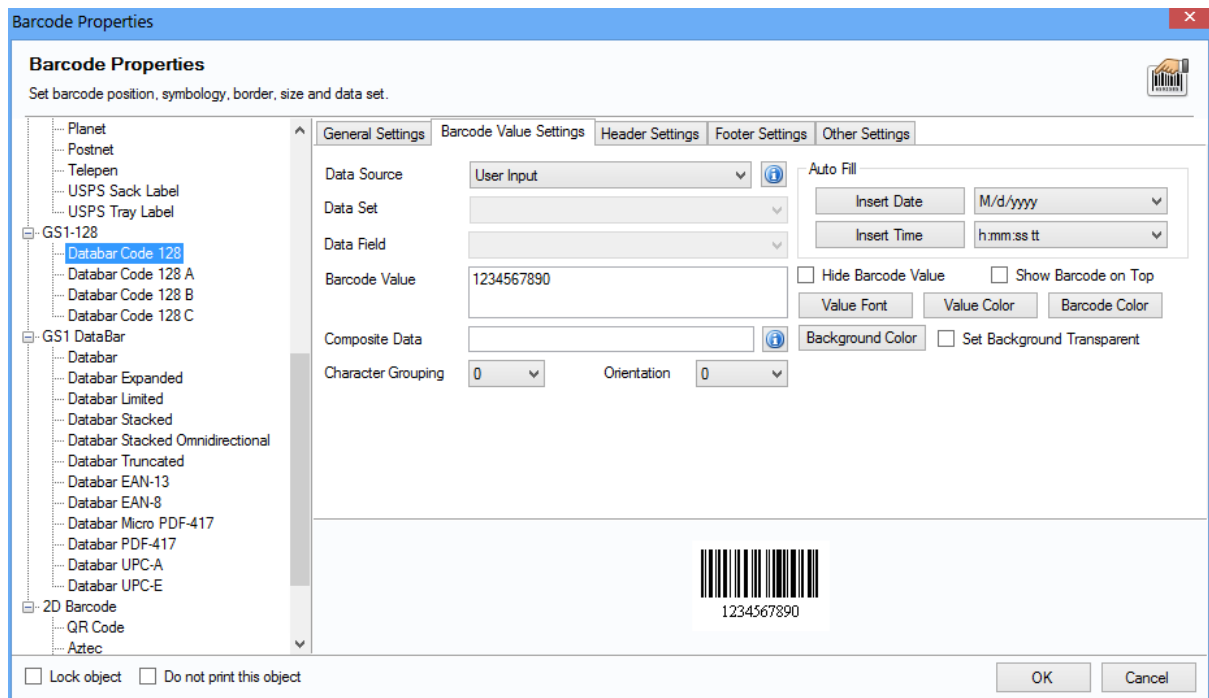
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

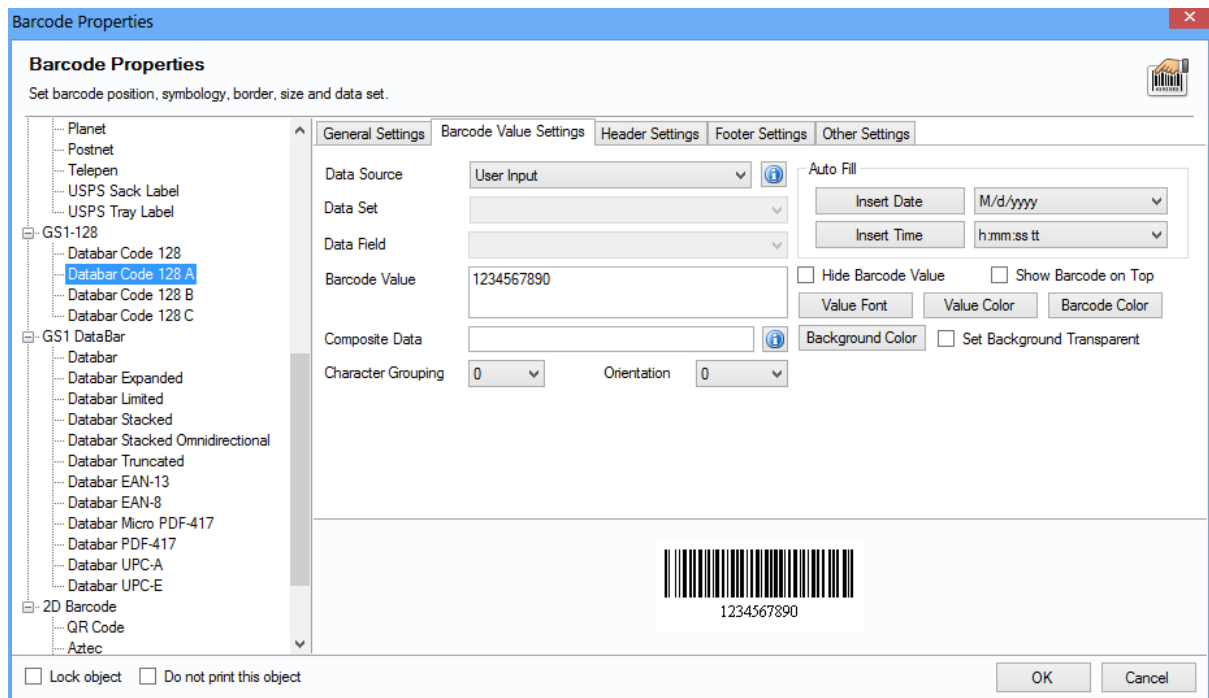
Click “**OK**” button to apply the settings.

### 6.2.3.3 DataBar Code 128 A

On selecting any DataBar Code 128 A, Properties window includes following:



General Settings tab includes following options:



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The dialog is titled 'Barcode Properties' and has a subtitle 'Set barcode position, symbology, border, size and data set.' The left pane shows a tree view of barcode types, with 'Databar Code 128 A' selected. The main area contains several settings:

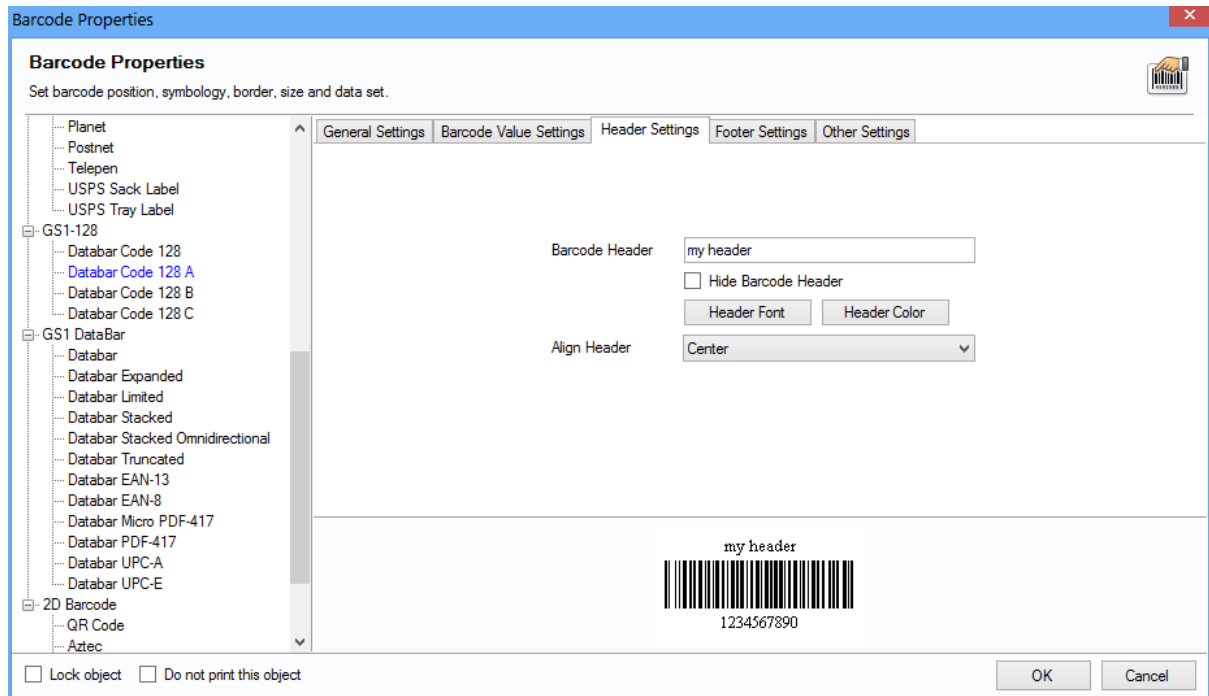
- Data Source:** User Input
- Data Set:** (empty dropdown)
- Data Field:** (empty dropdown)
- Barcode Value:** 1234567890
- Composite Data:** (empty text field)
- Character Grouping:** 0
- Orientation:** 0
- Auto Fill:** Insert Date (M/d/yyyy), Insert Time (h:mm:ss tt)
- Hide Barcode Value:**
- Show Barcode on Top:**
- Value Font:** (button)
- Value Color:** (button)
- Barcode Color:** (button)
- Background Color:** (button)
- Set Background Transparent:**

At the bottom, there is a preview of a barcode with the value '1234567890' below it. The dialog also has 'Lock object' and 'Do not print this object' checkboxes, and 'OK' and 'Cancel' buttons.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

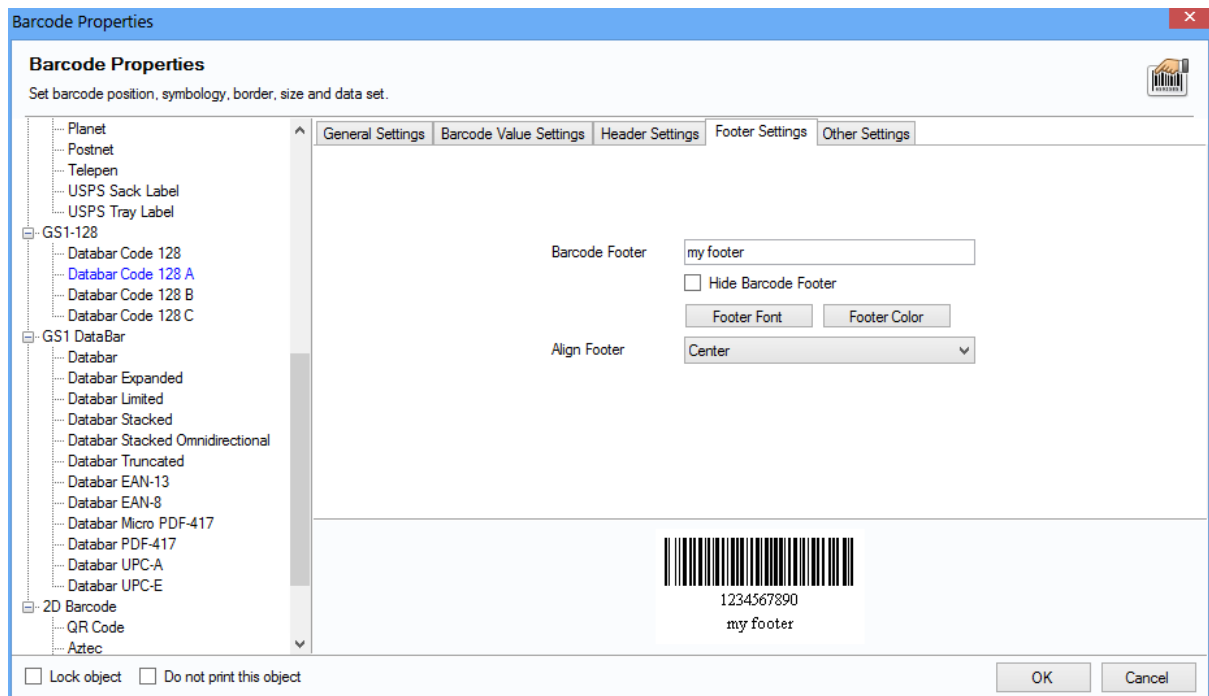
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



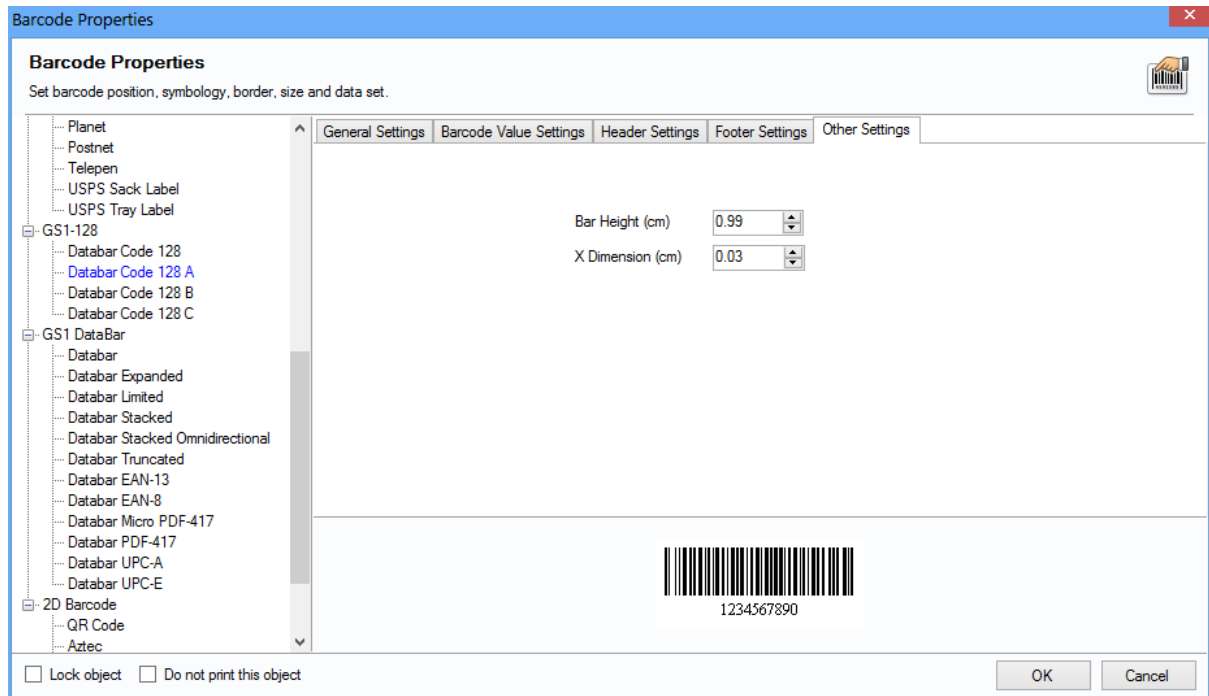
- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

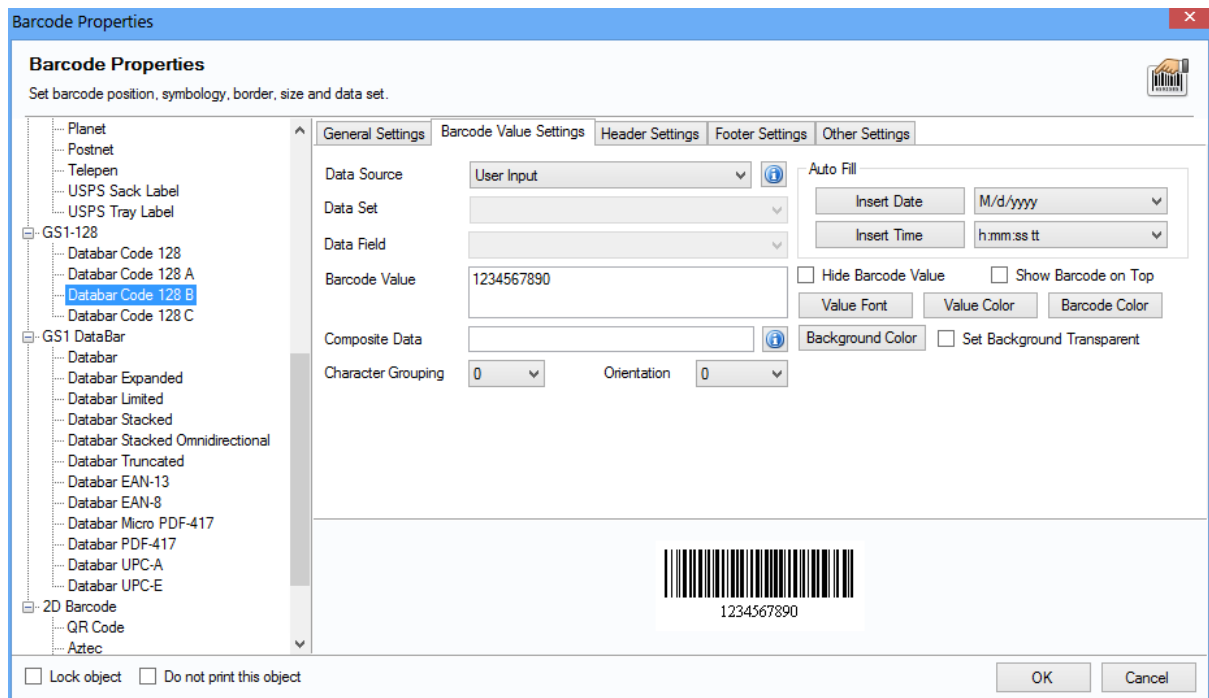
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

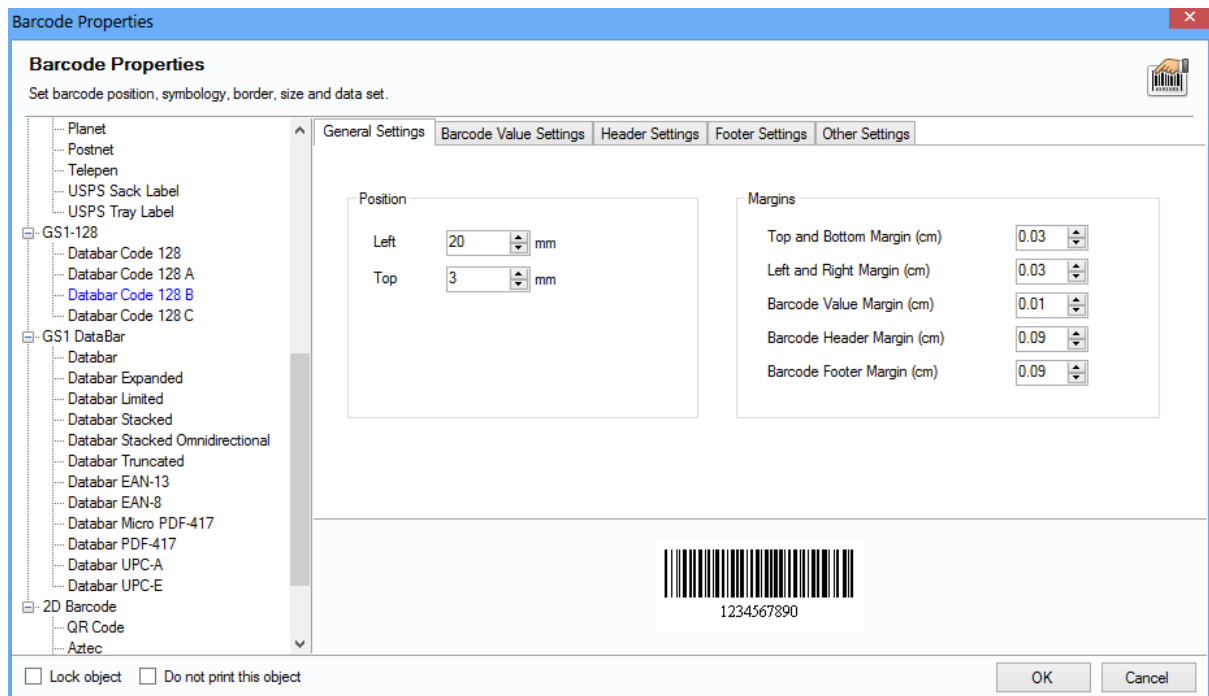
Click “**OK**” button to apply the settings.

#### 6.2.3.4 DataBar Code 128 B

On selecting any DataBar Code 128 B, Properties window includes following:



**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

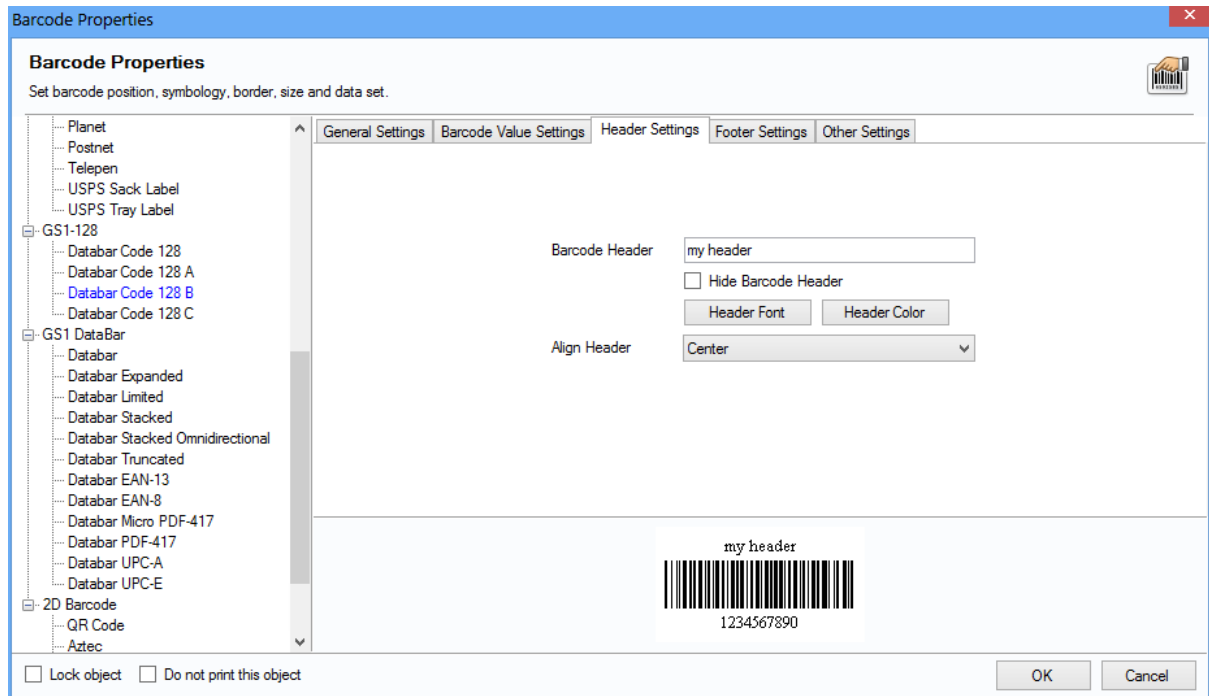
**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The 'Barcode Value' field contains '1234567890'. The 'Data Source' is set to 'User Input'. The 'Character Grouping' is set to '0' and 'Orientation' is set to '0'. There are also options for 'Auto Fill' (Insert Date: M/d/yyyy, Insert Time: h:mm:ss tt), 'Hide Barcode Value', 'Show Barcode on Top', 'Value Font', 'Value Color', 'Barcode Color', and 'Background Color'. A preview of the barcode is shown at the bottom with the value '1234567890' below it.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

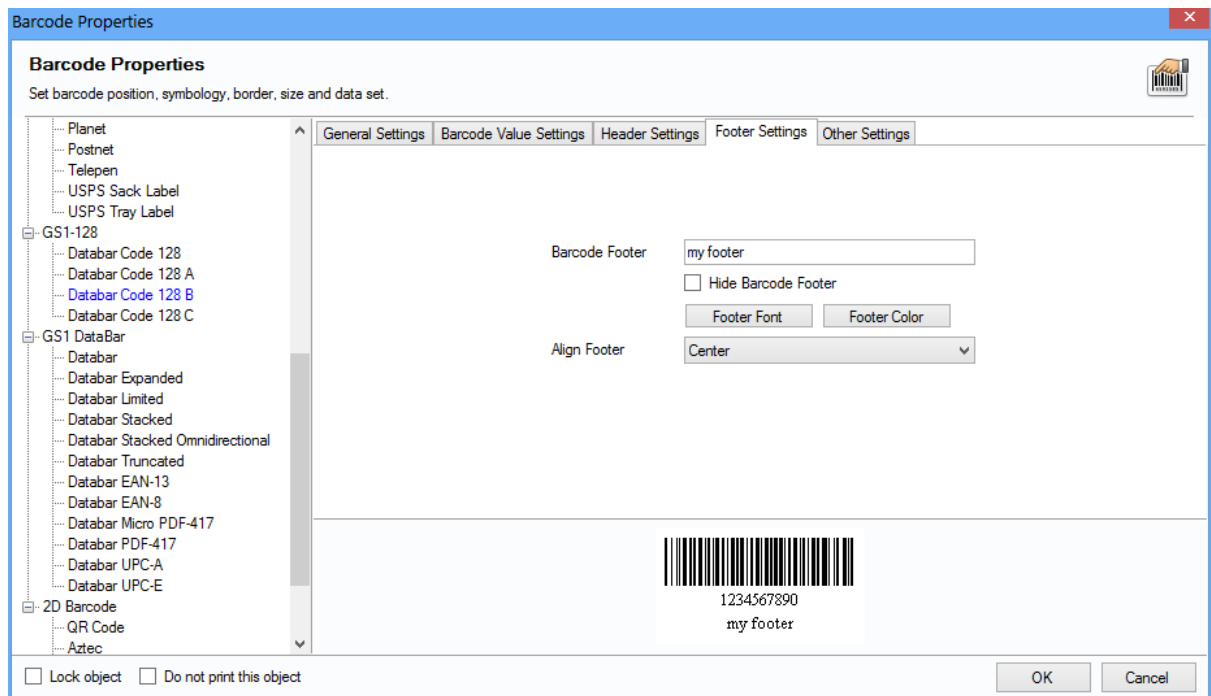
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



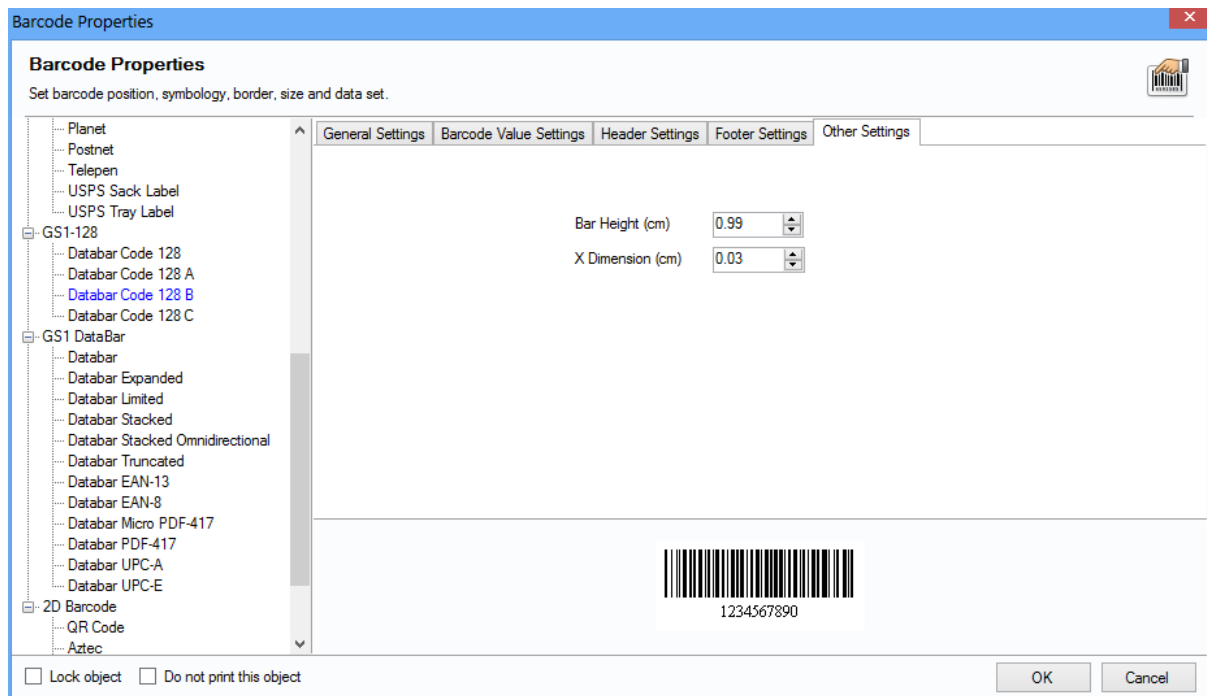
- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

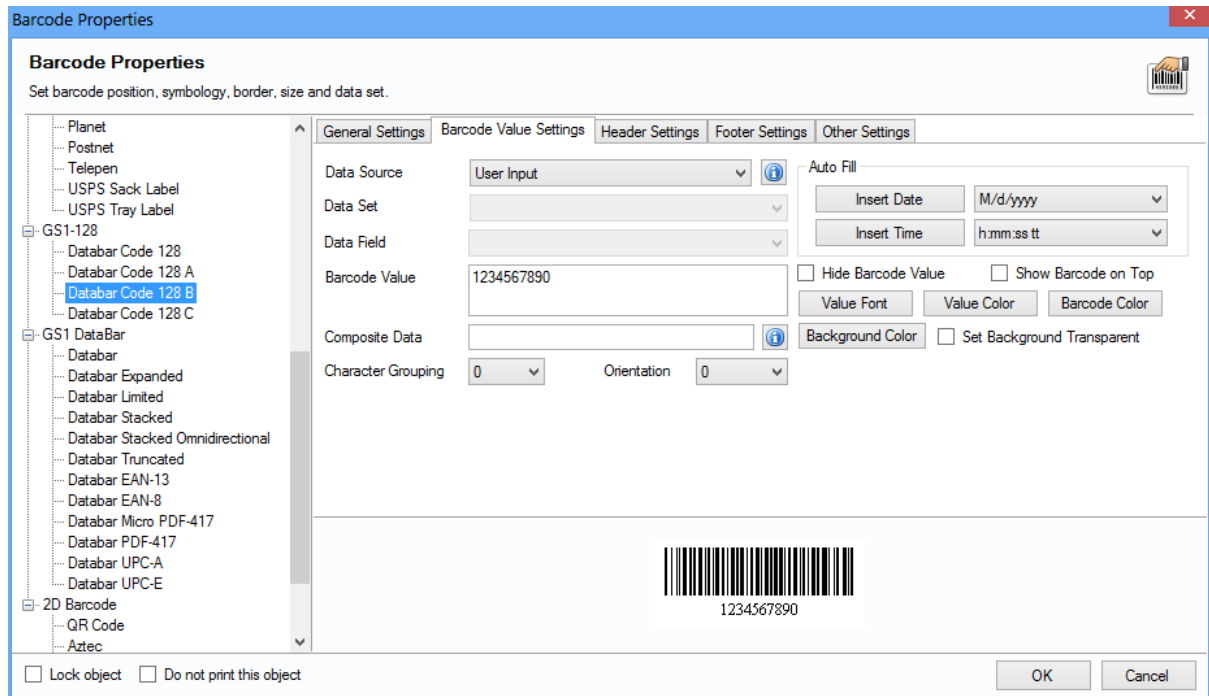
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

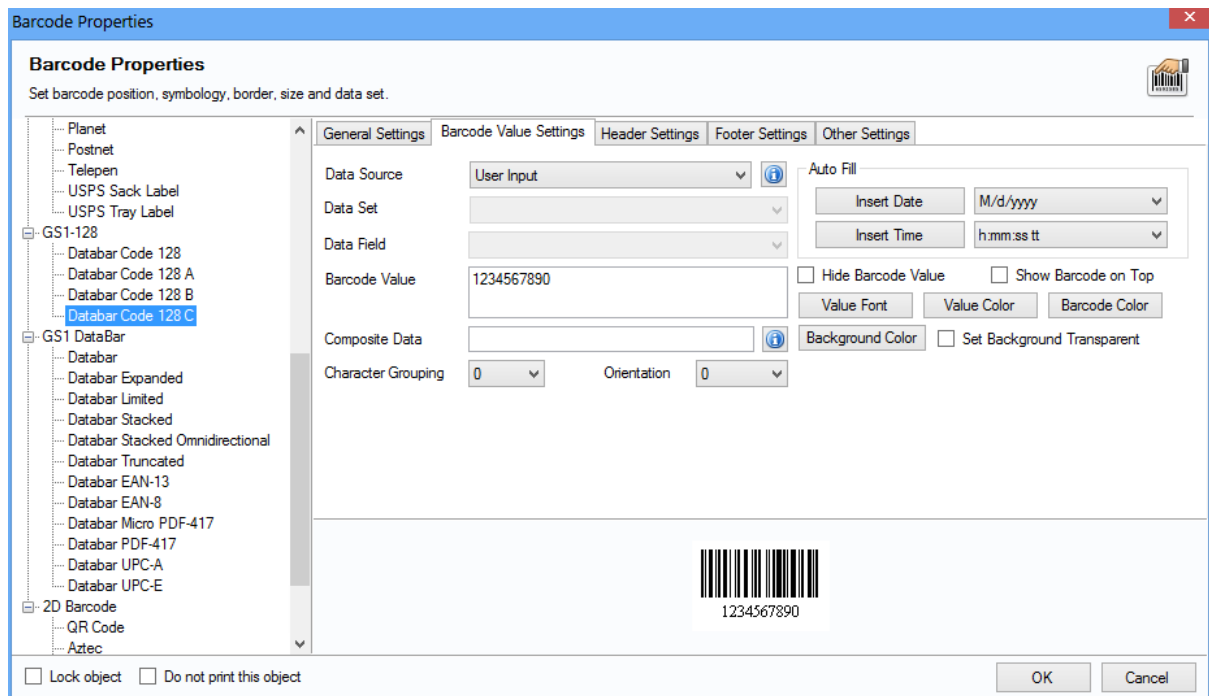
Click “**OK**” button to apply the settings.

#### 6.2.3.5 DataBar Code 128 C

On selecting any DataBar Code 128 C, Properties window includes following:



**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

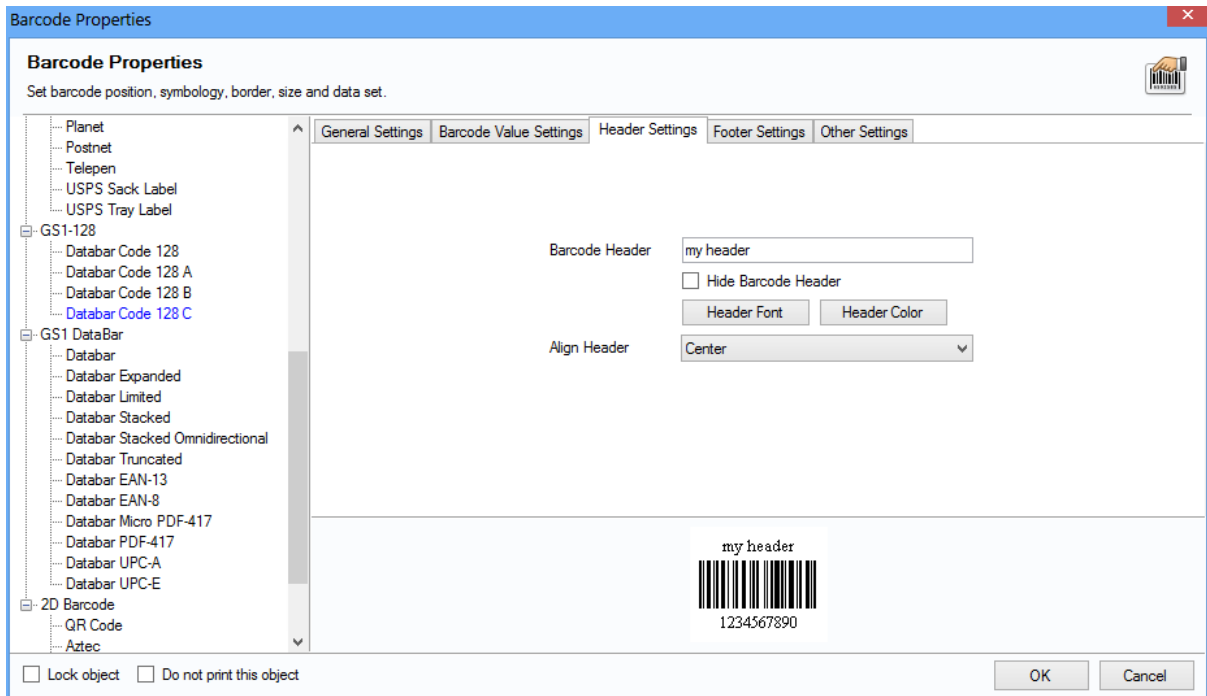
**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The 'Data Source' is set to 'User Input' and the 'Barcode Value' is '1234567890'. The 'Character Grouping' is set to '0' and the 'Orientation' is also '0'. There are checkboxes for 'Hide Barcode Value' and 'Show Barcode on Top', both currently unchecked. The 'Auto Fill' section has 'Insert Date' set to 'M/d/yyyy' and 'Insert Time' set to 'h:mm:ss tt'. The 'Background Color' and 'Set Background Transparent' options are also visible. A preview of the barcode is shown at the bottom with the value '1234567890' printed below it.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

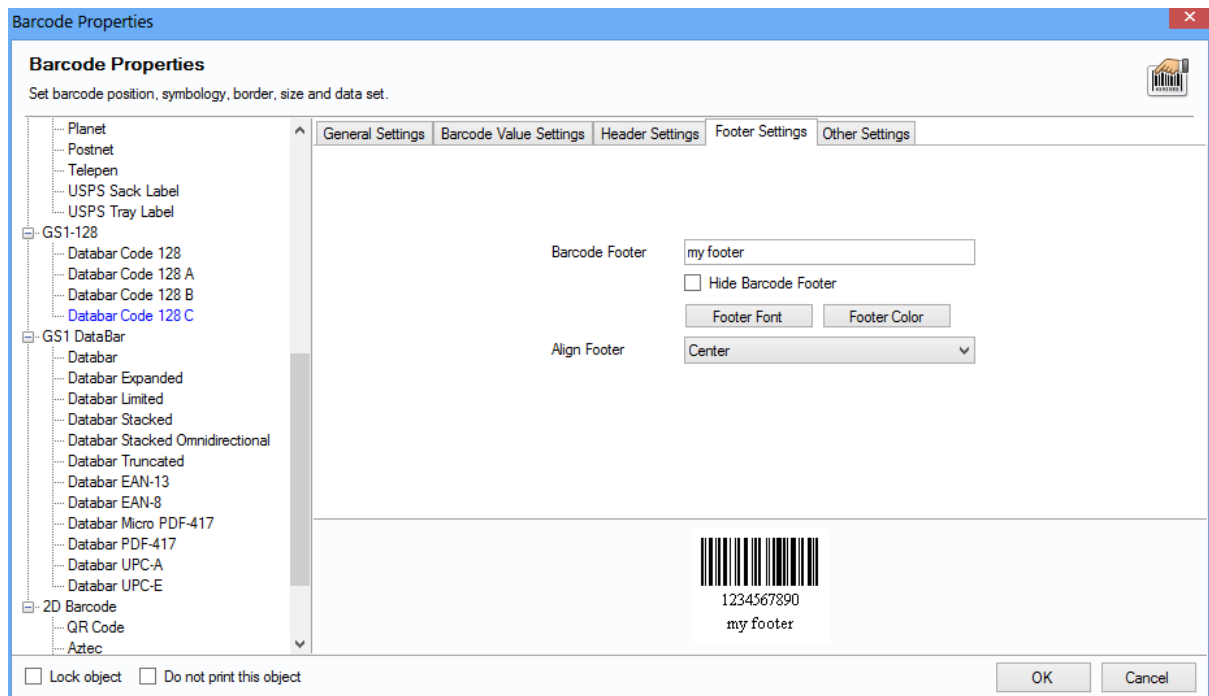
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



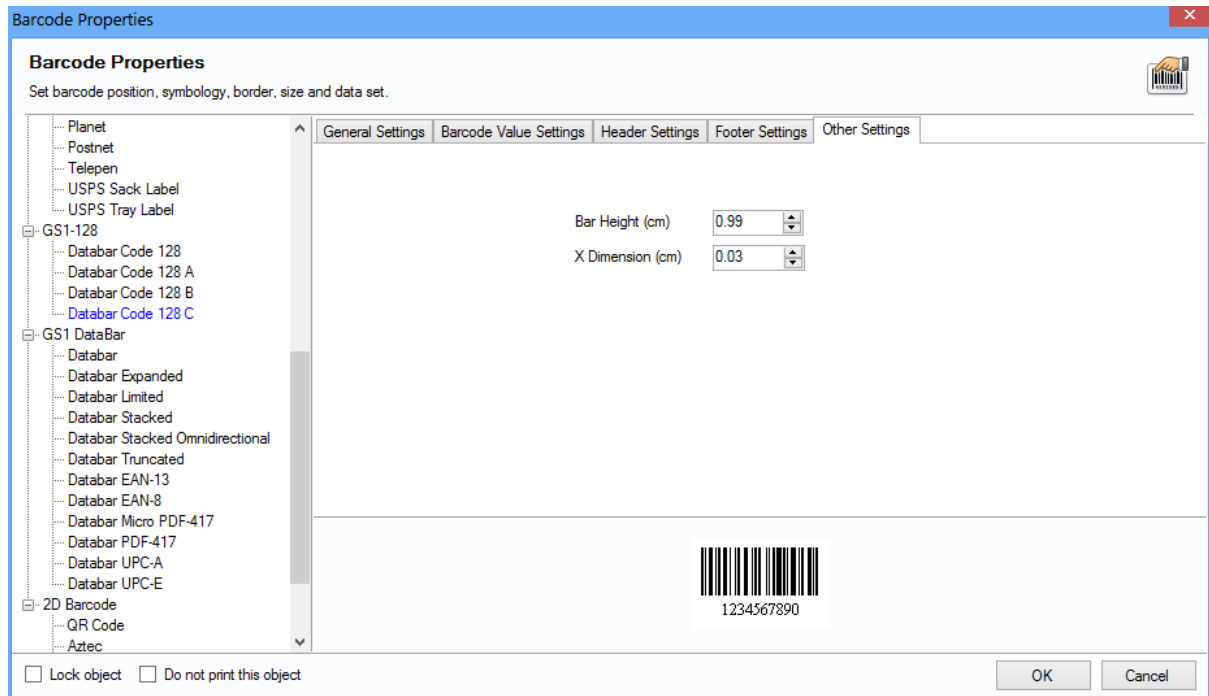
- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

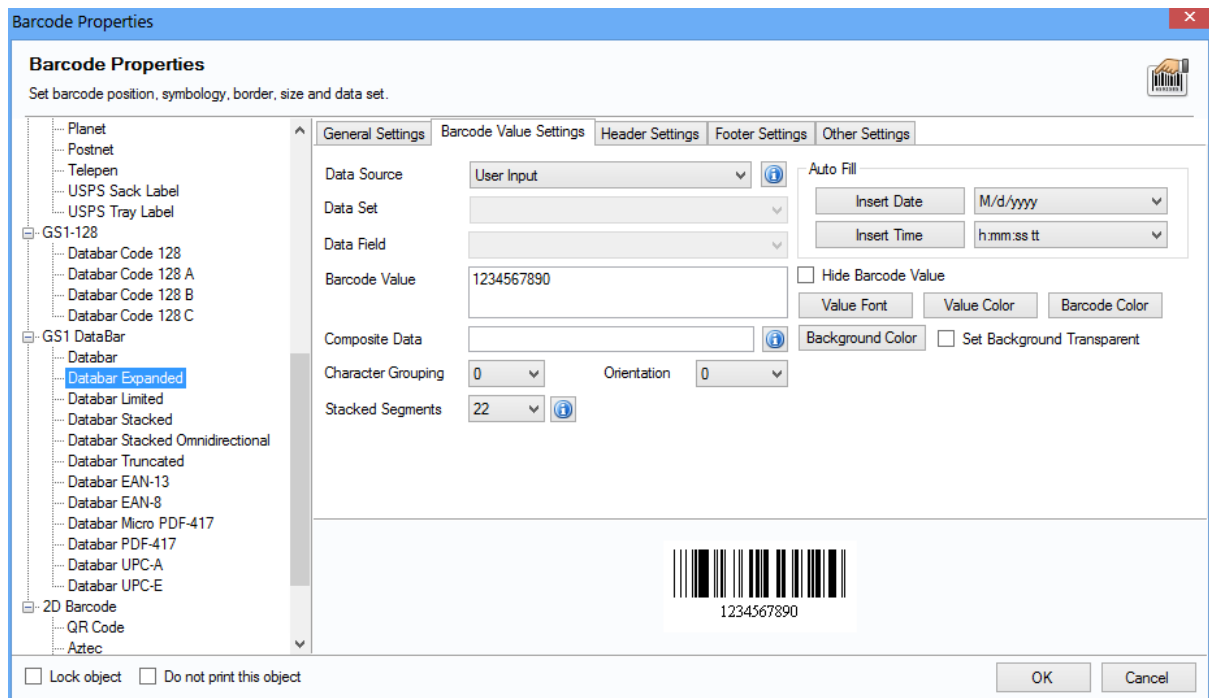
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

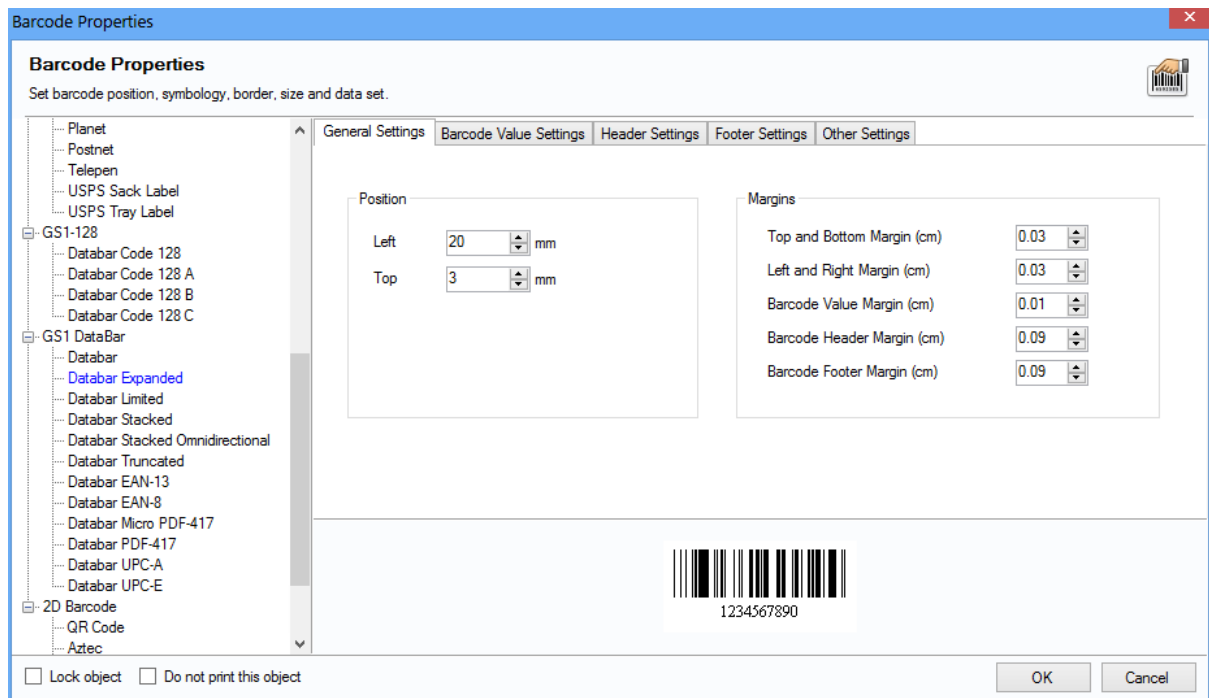
Click “**OK**” button to apply the settings.

#### 6.2.3.6 DataBar Expanded

On selecting any DataBar Expanded, Properties window includes following:



**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

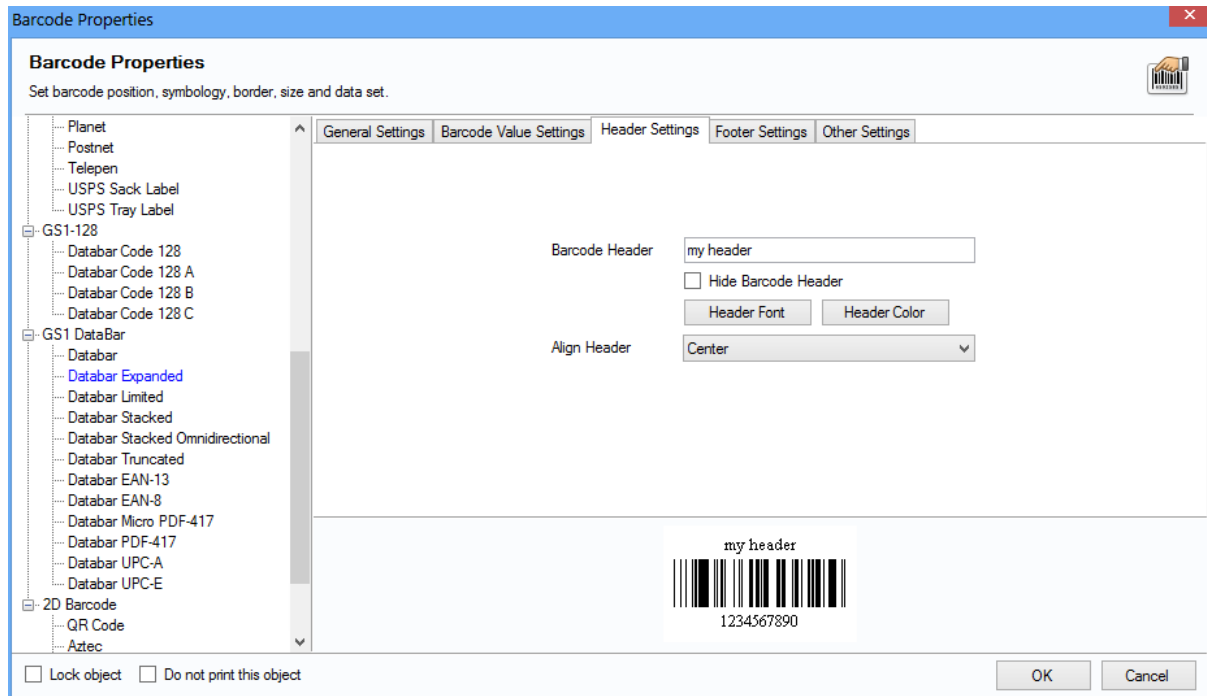
**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The 'Barcode Value' field contains '1234567890'. The 'Stacked Segments' is set to '22'. The 'Character Grouping' is set to '0' and 'Orientation' is set to '0'. There are buttons for 'Value Font', 'Value Color', and 'Barcode Color'. A preview of the barcode is shown at the bottom of the dialog.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Stacked Segements – Set the Expanded Stacked Segements Value.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

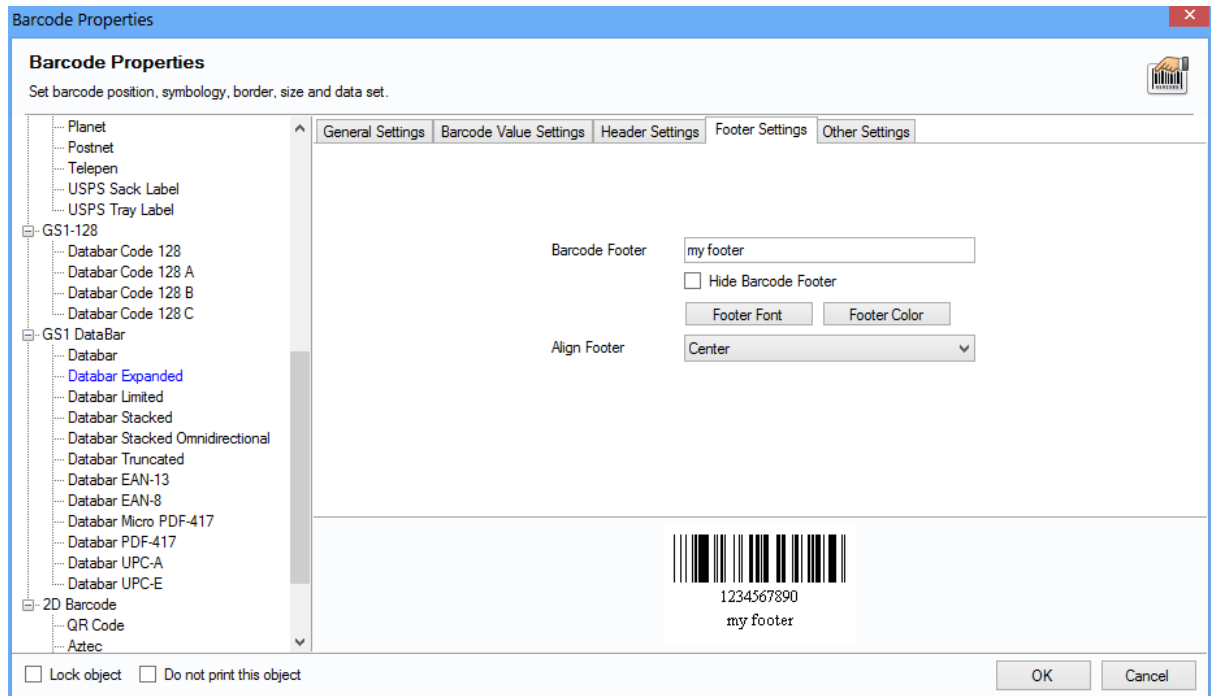
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



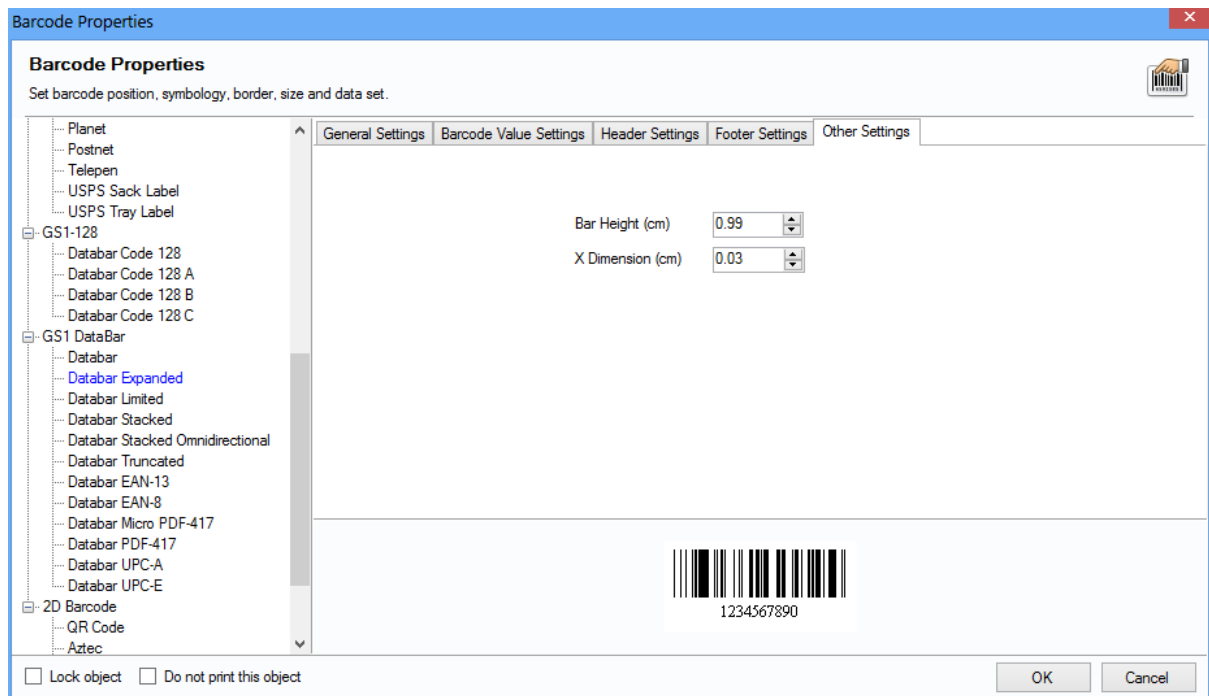
- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

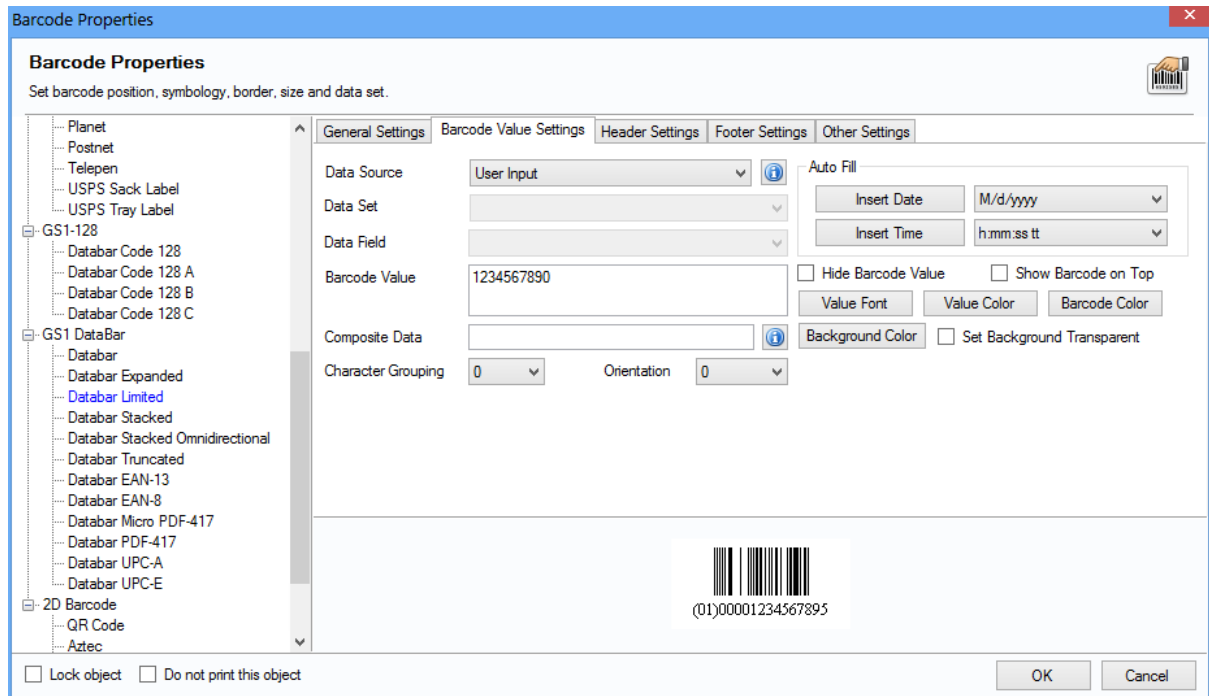
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

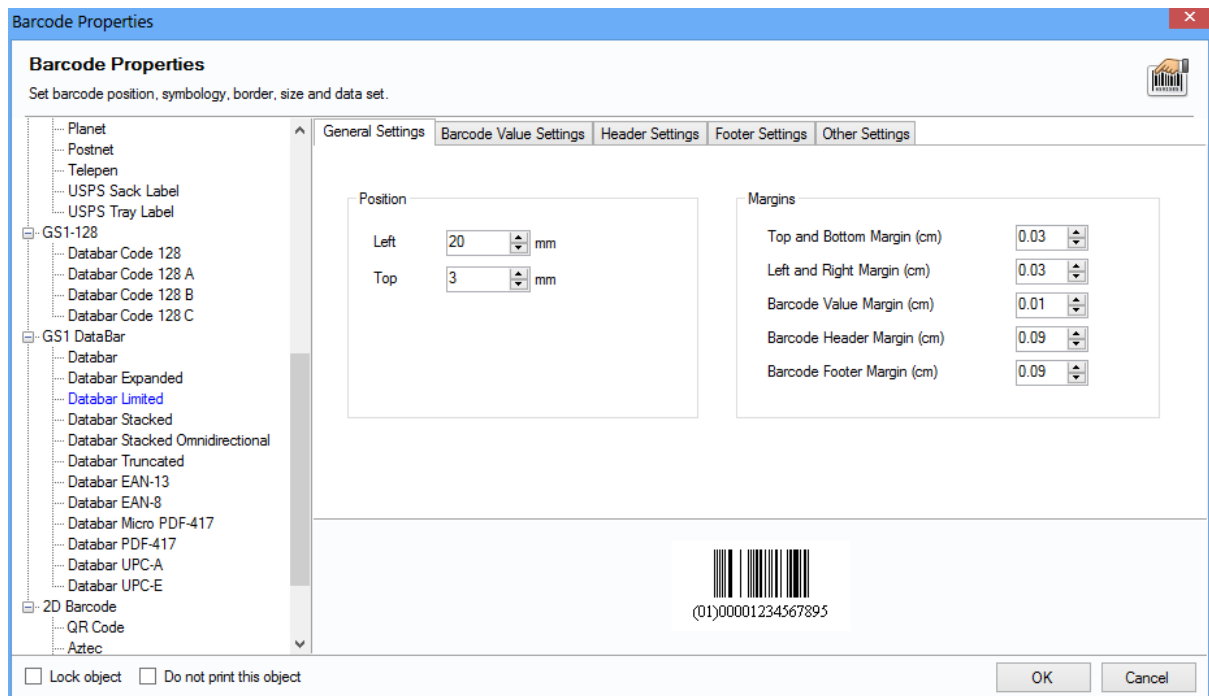
Click “**OK**” button to apply the settings.

#### 6.2.3.7 DataBar Limited

On selecting any DataBar Limited, Properties window includes following:



**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

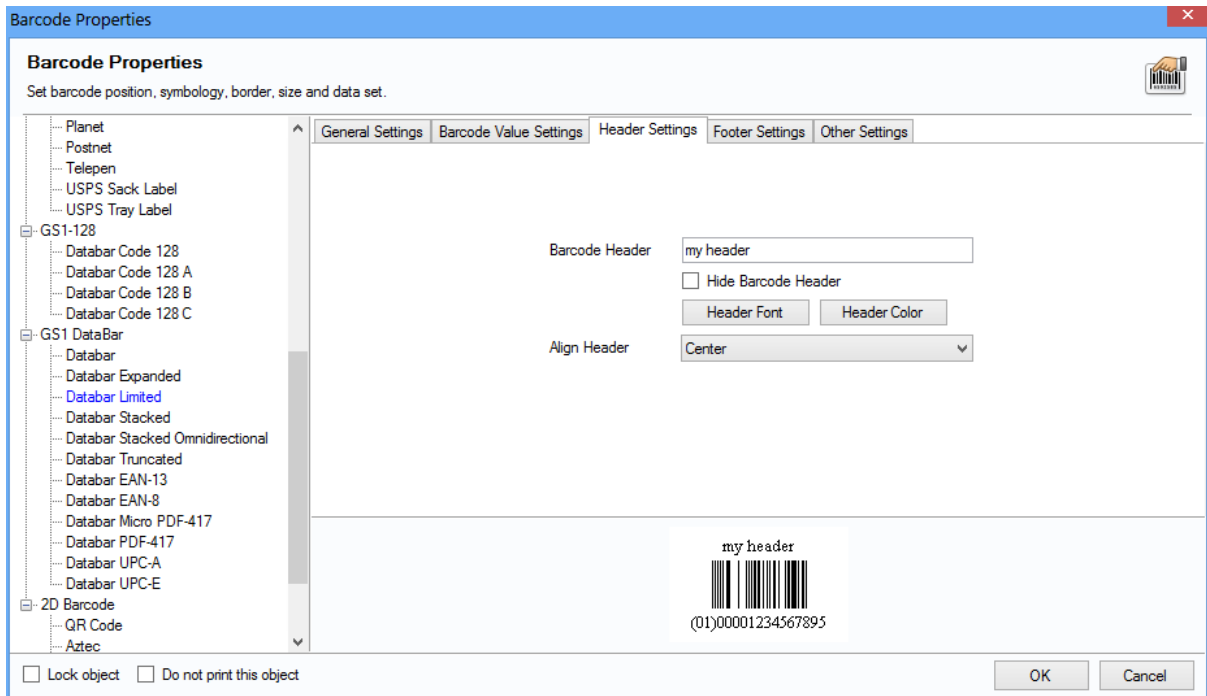
**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The 'Data Source' is set to 'User Input' and the 'Barcode Value' is '1234567890'. The 'Character Grouping' is set to '0' and the 'Orientation' is '0'. There are also options for 'Auto Fill' (Insert Date: M/d/yyyy, Insert Time: h:mm:ss tt), 'Hide Barcode Value', 'Show Barcode on Top', 'Value Font', 'Value Color', 'Barcode Color', and 'Background Color'. A preview of the barcode is shown at the bottom with the value '(01)00001234567895'.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

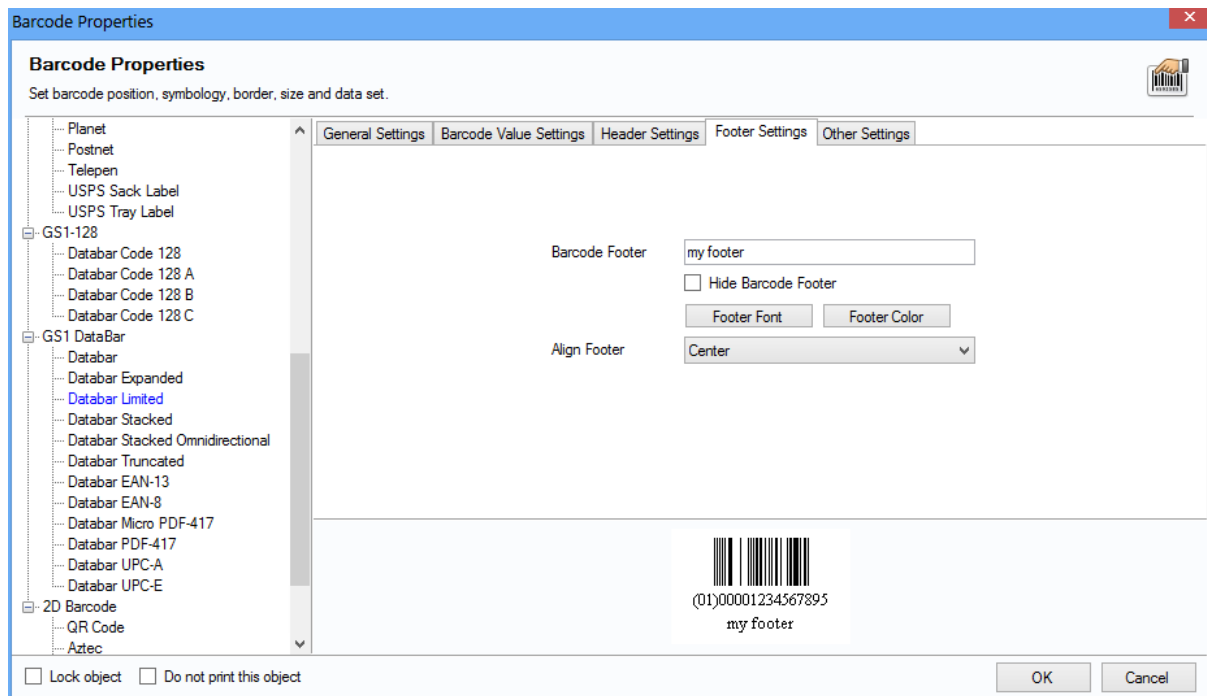
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



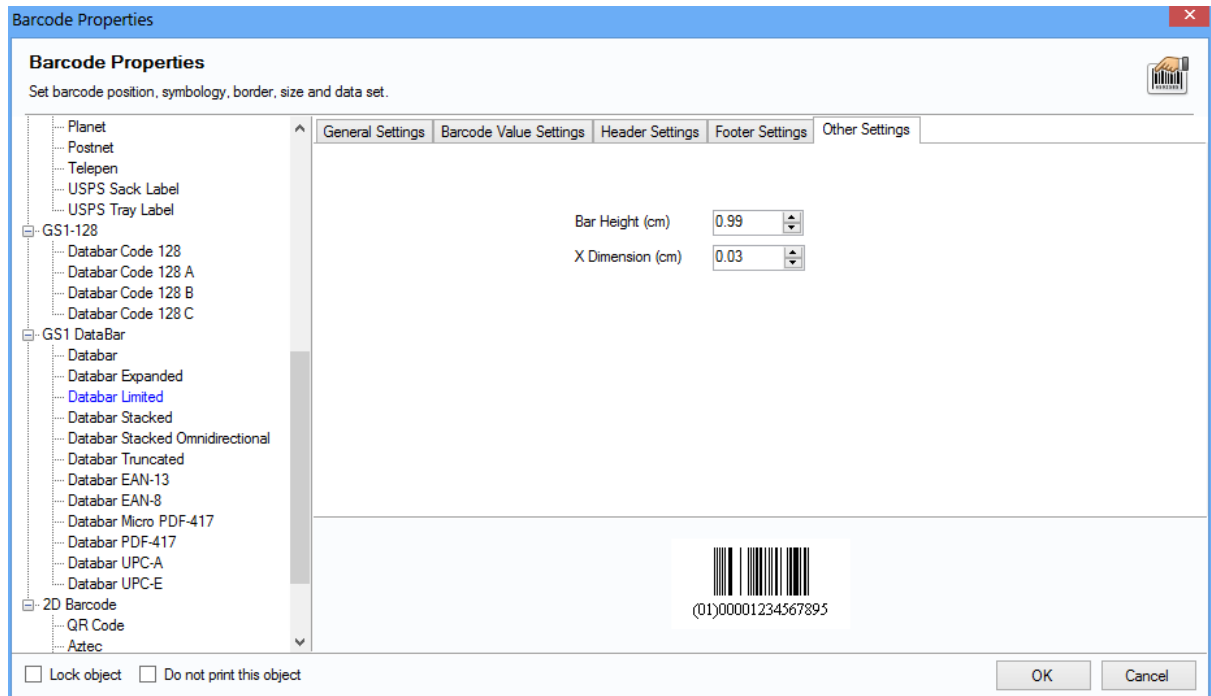
- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

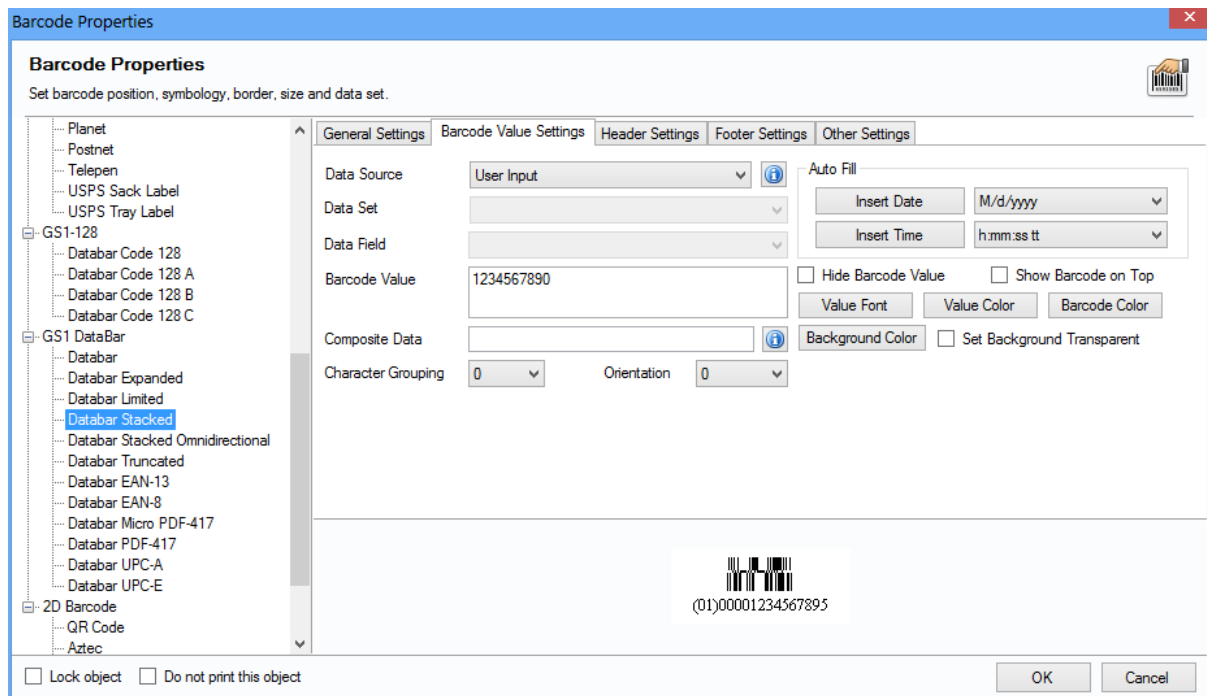
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

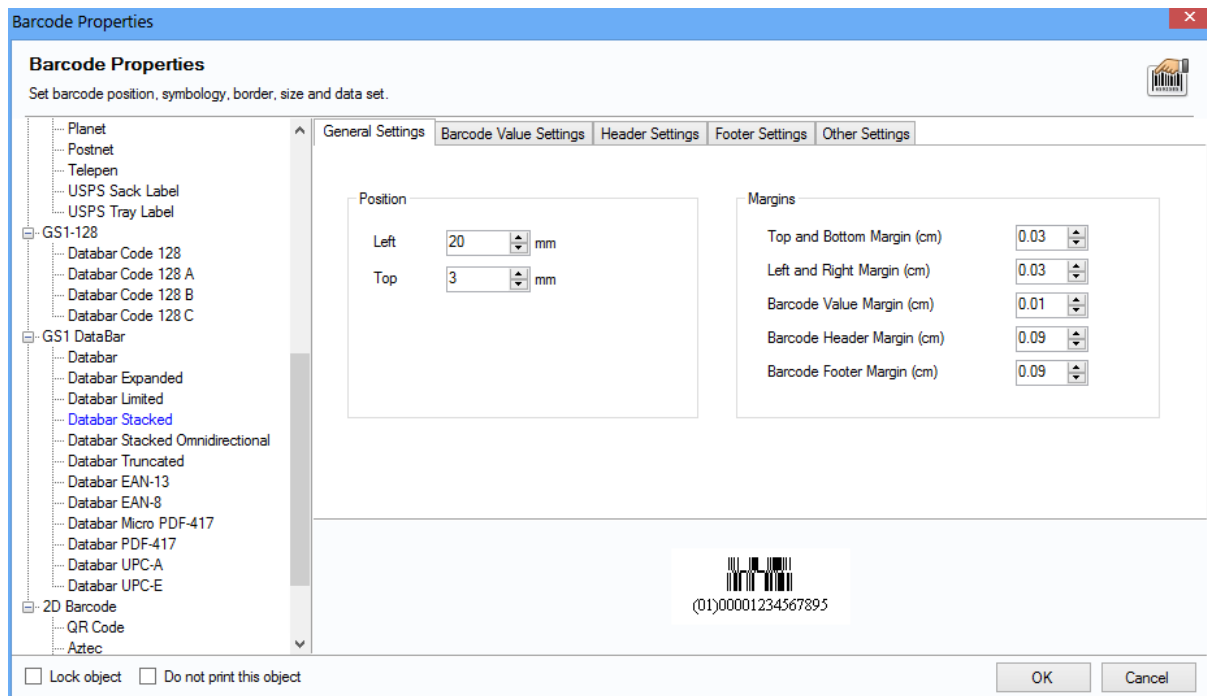
Click “**OK**” button to apply the settings.

#### 6.2.3.8 DataBar Stacked

On selecting any DataBar Stacked, Properties window includes following:



**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

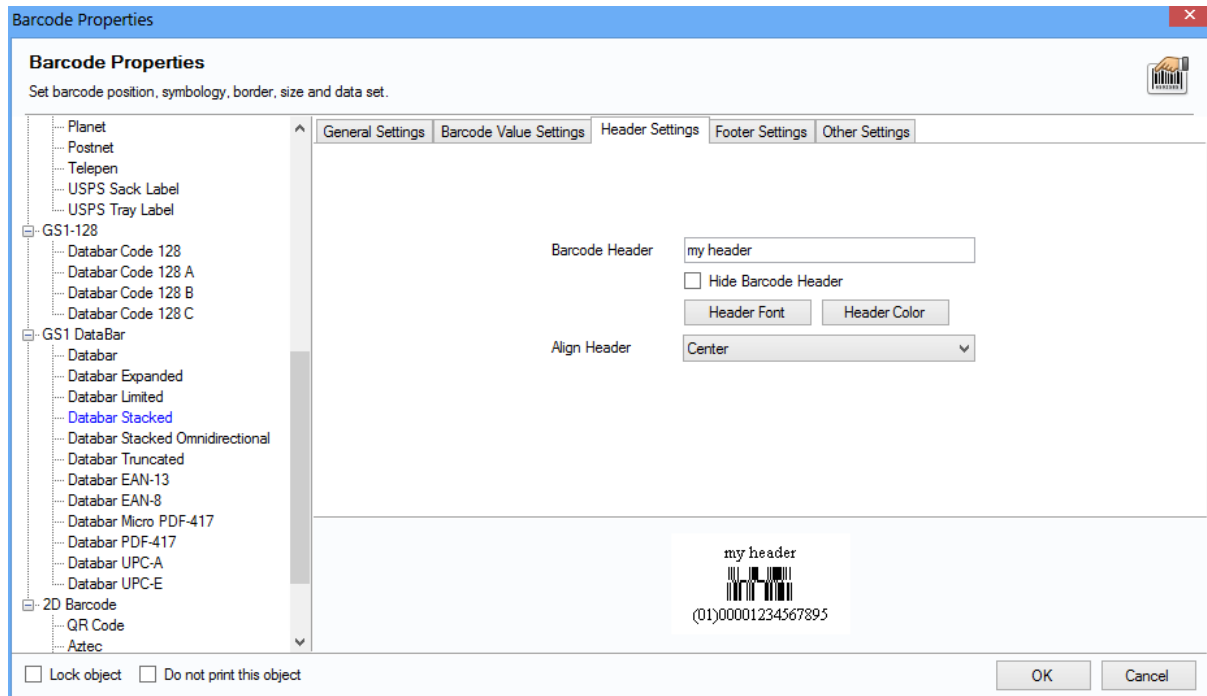
**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The 'Barcode Value' field contains '1234567890'. The 'Character Grouping' is set to '0' and 'Orientation' is also '0'. There are buttons for 'Value Font', 'Value Color', and 'Barcode Color'. A preview of the barcode is shown at the bottom with the value '(01)00001234567895'.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

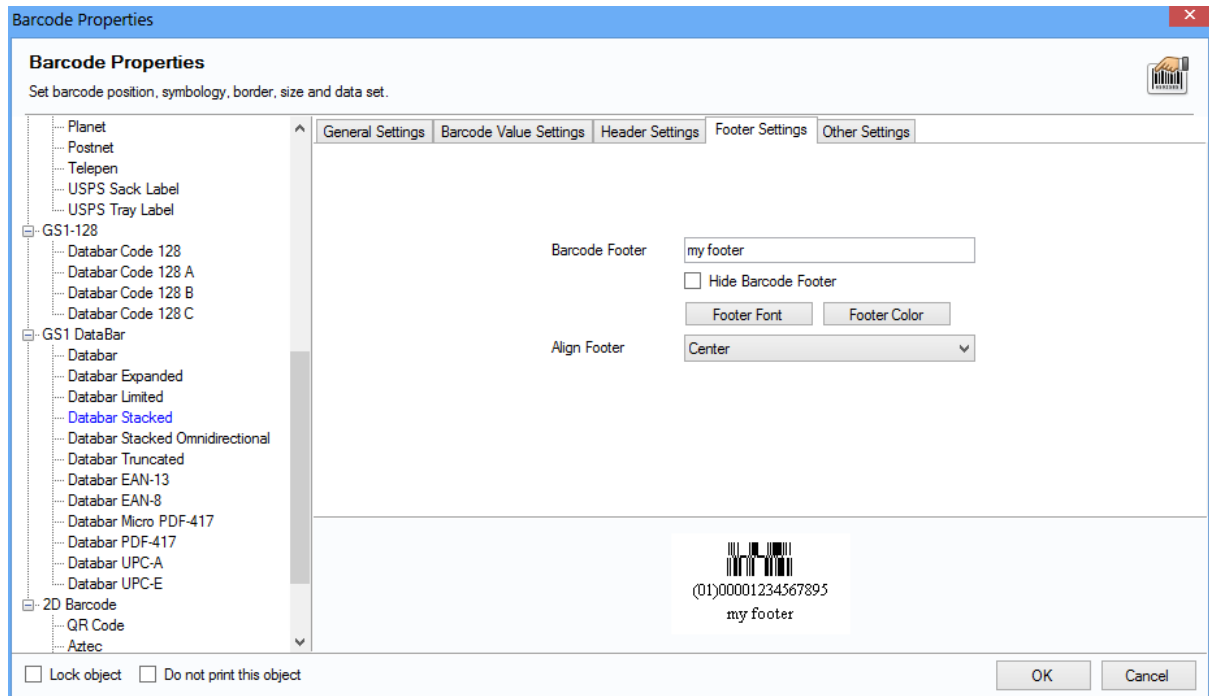
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

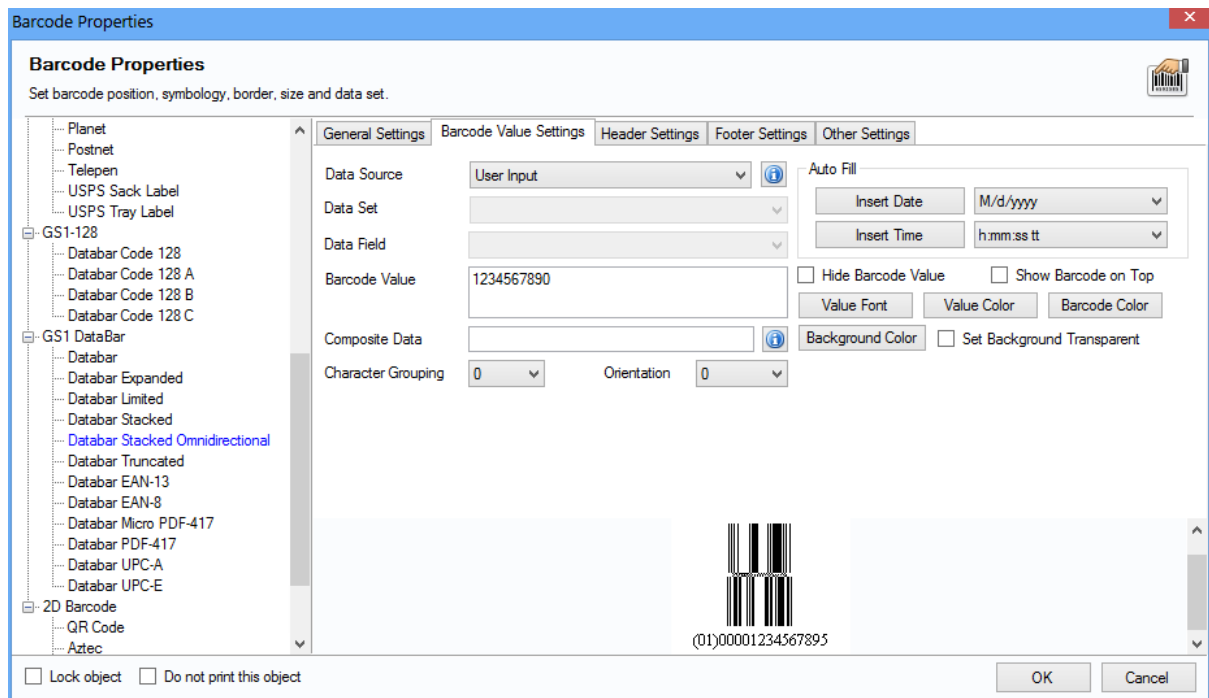
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

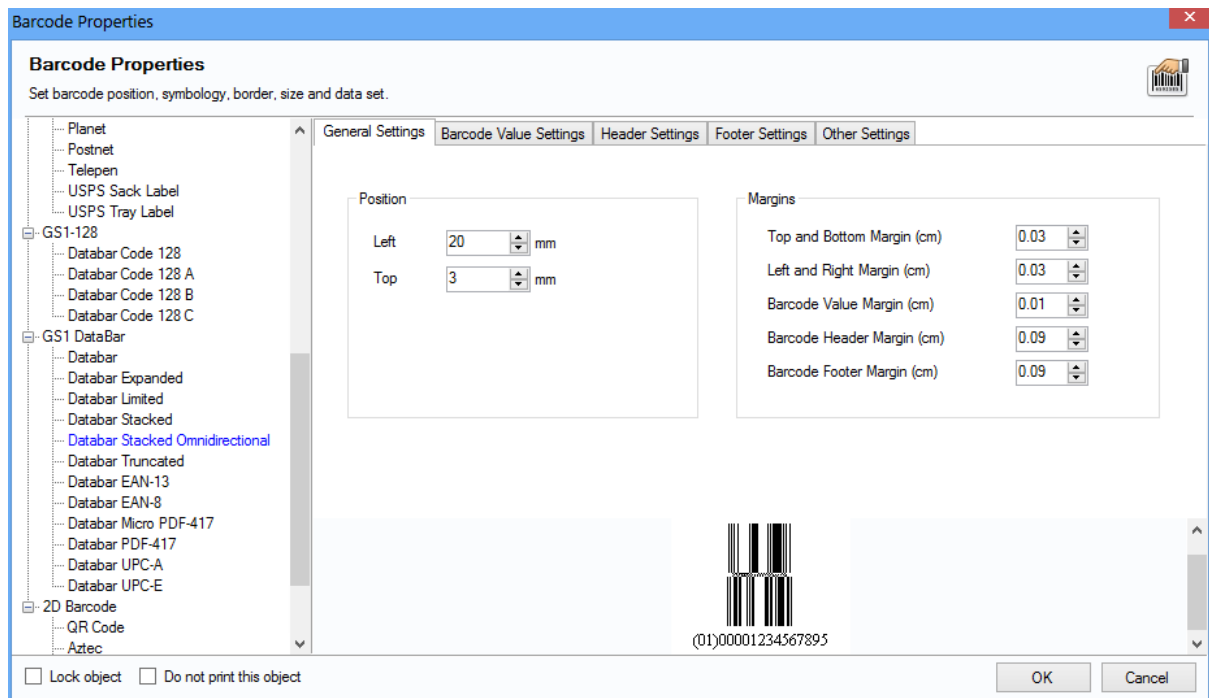
Click “**OK**” button to apply the settings.

#### 6.2.3.9 DataBar Stacked Omnidirectional

On selecting any DataBar Stacked Omnidirectional, Properties window includes following:



General Settings tab includes following options:



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

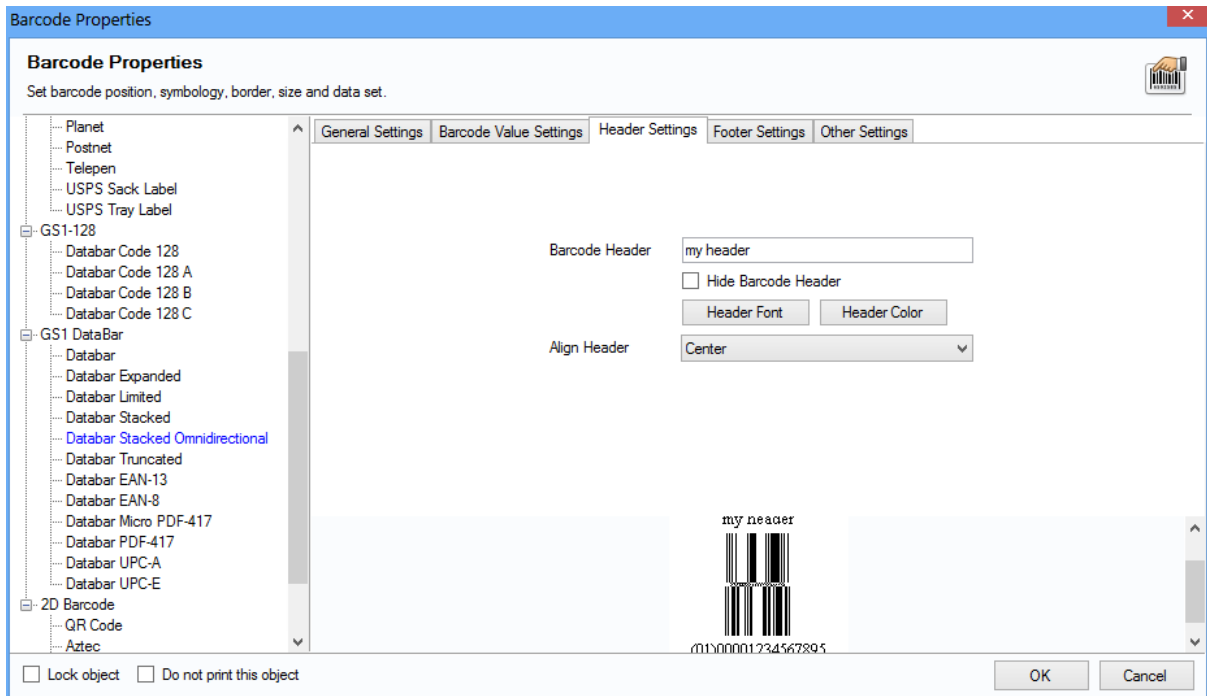
**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The 'Data Source' is set to 'User Input' and the 'Barcode Value' is '1234567890'. The 'Character Grouping' is set to '0' and the 'Orientation' is '0'. There are also options for 'Auto Fill' (Insert Date: M/d/yyyy, Insert Time: h:mm:ss tt), 'Hide Barcode Value', 'Show Barcode on Top', 'Value Font', 'Value Color', 'Barcode Color', and 'Background Color'. A preview of the barcode is shown at the bottom right with the value '(01)00001234567895' below it.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

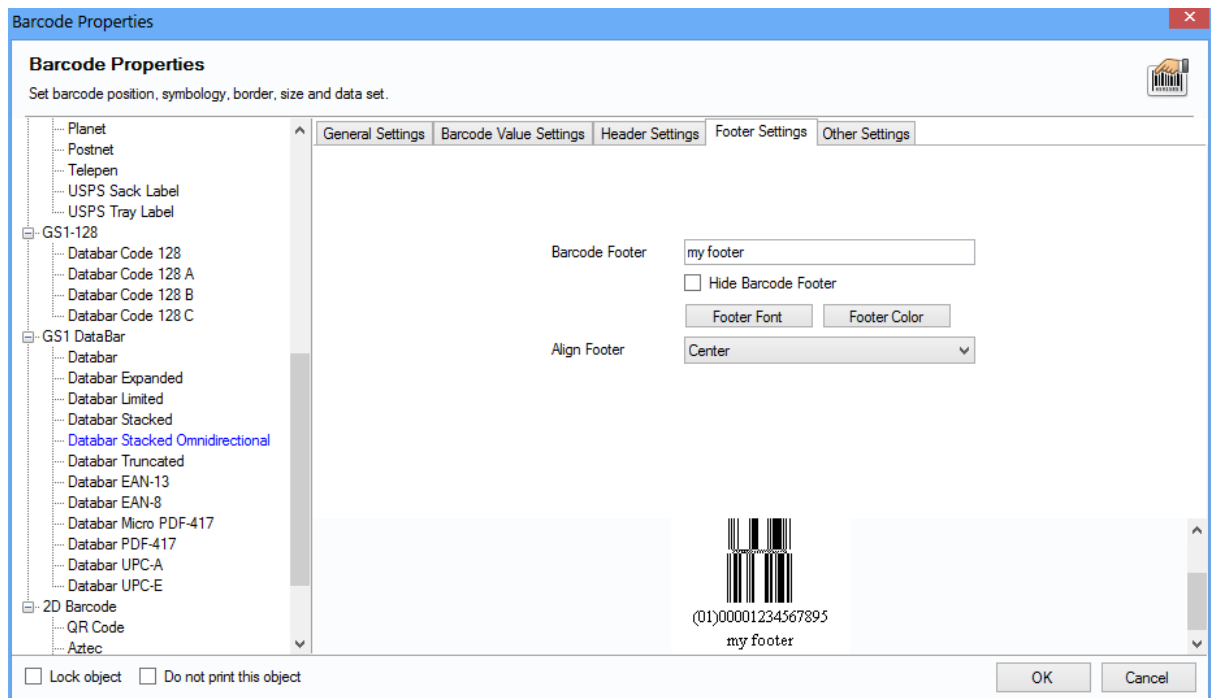
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

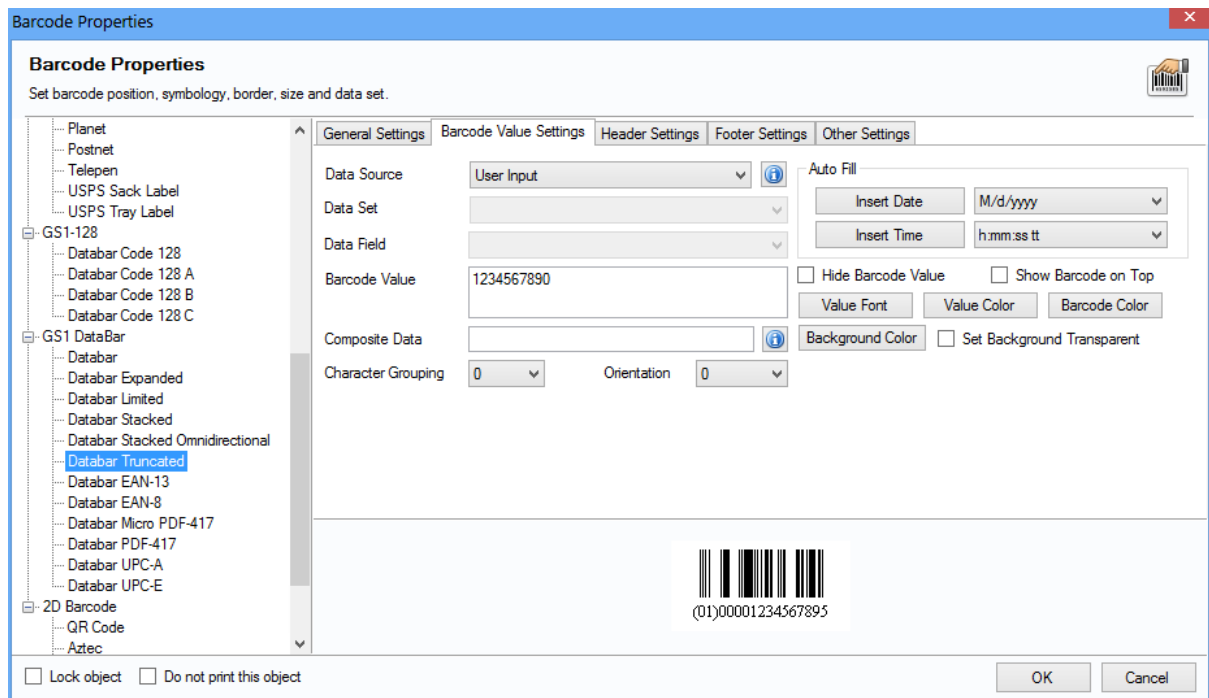
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

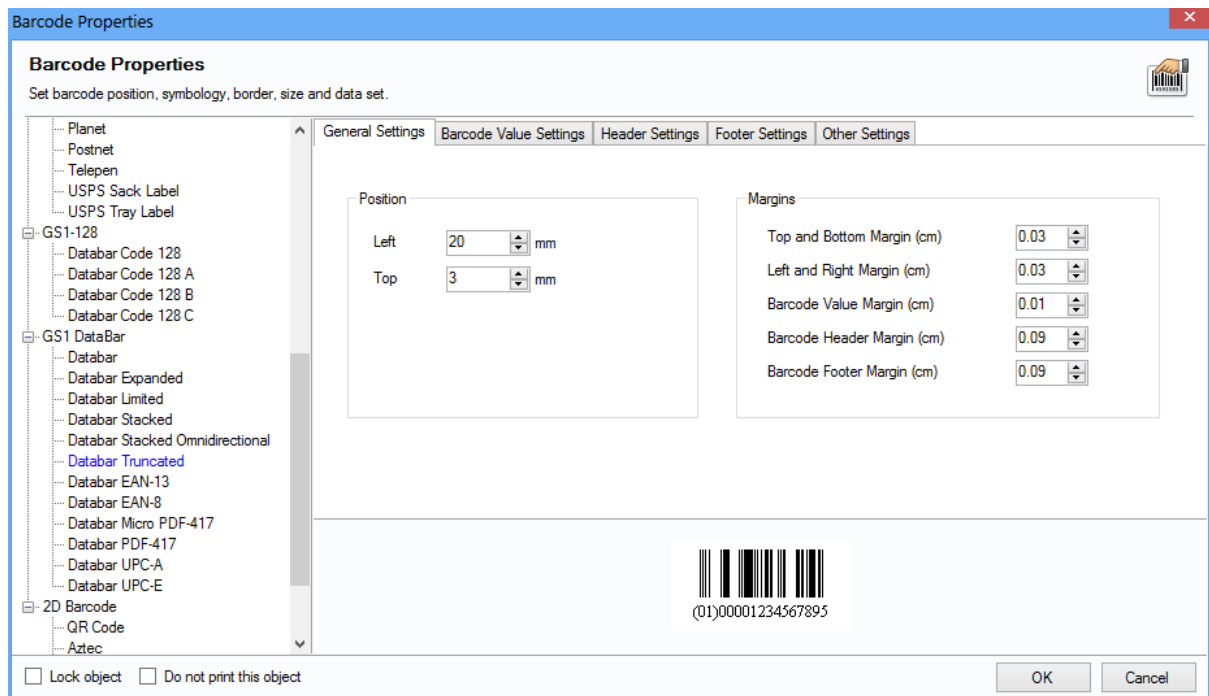
Click “**OK**” button to apply the settings.

#### 6.2.3.10 DataBar Truncated

On selecting any DataBar Truncated, Properties window includes following:



**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

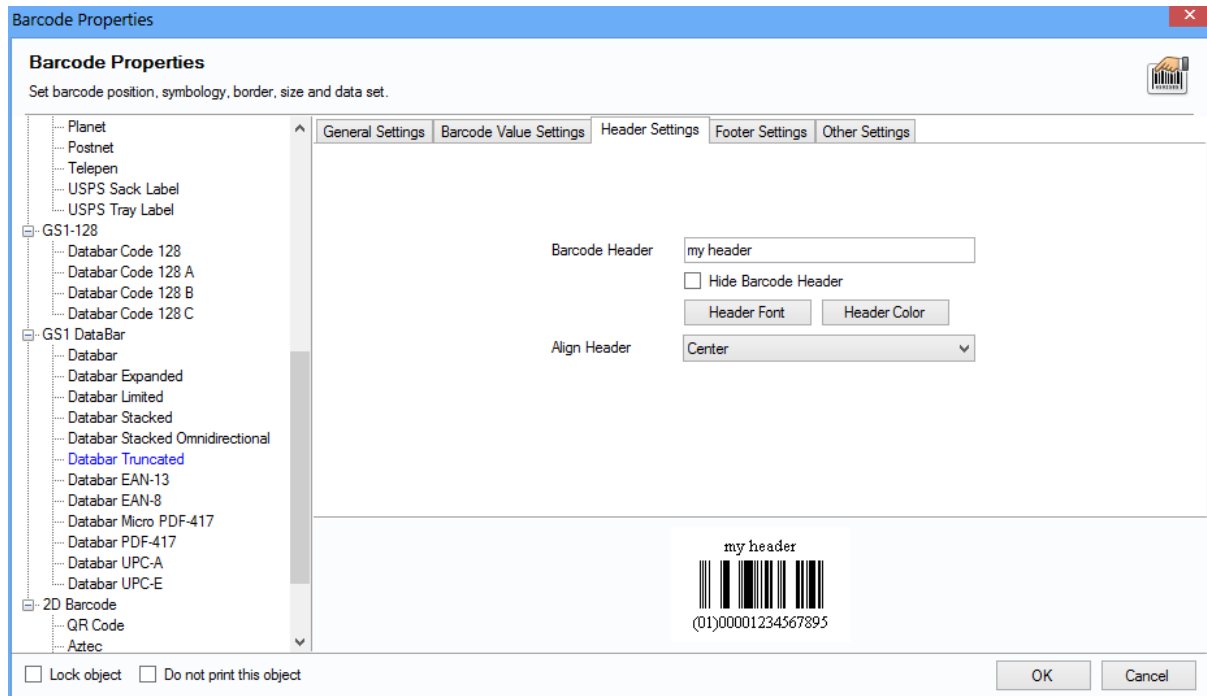
**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The 'Barcode Value' field contains '1234567890'. The 'Auto Fill' section includes 'Insert Date' (M/d/yyyy) and 'Insert Time' (h:mm:ss tt). The 'Character Grouping' is set to 0 and 'Orientation' is set to 0. A preview of a barcode is shown at the bottom with the value '(01)00001234567895' below it.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

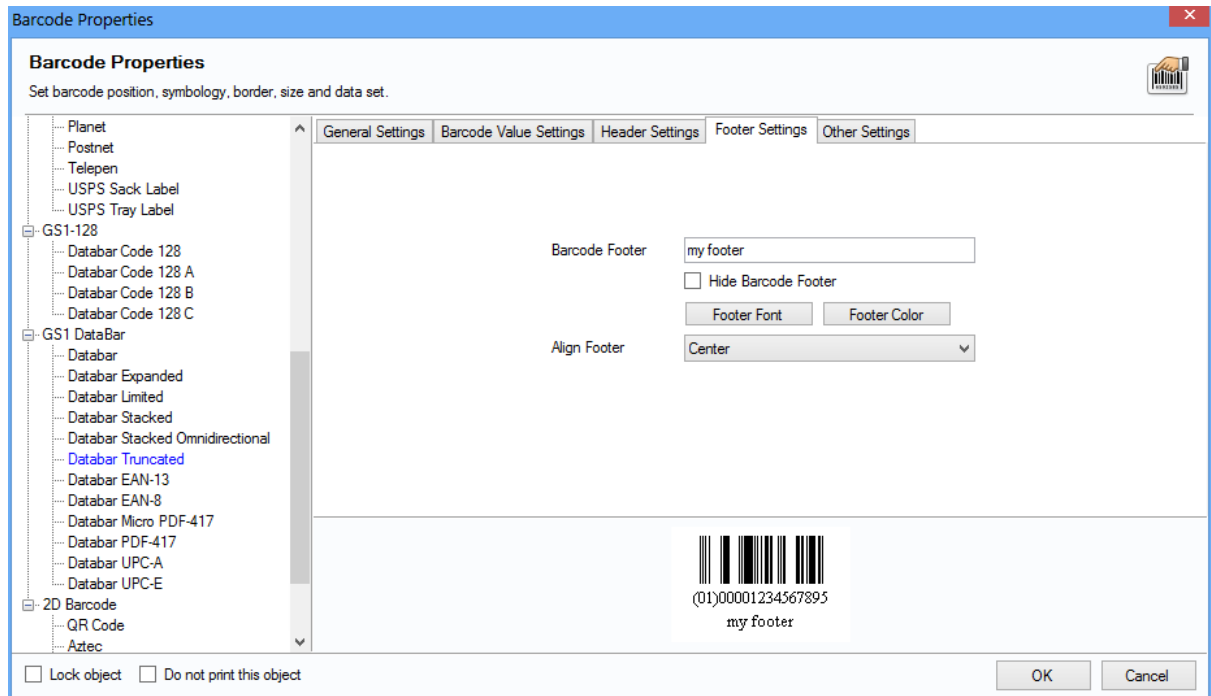
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



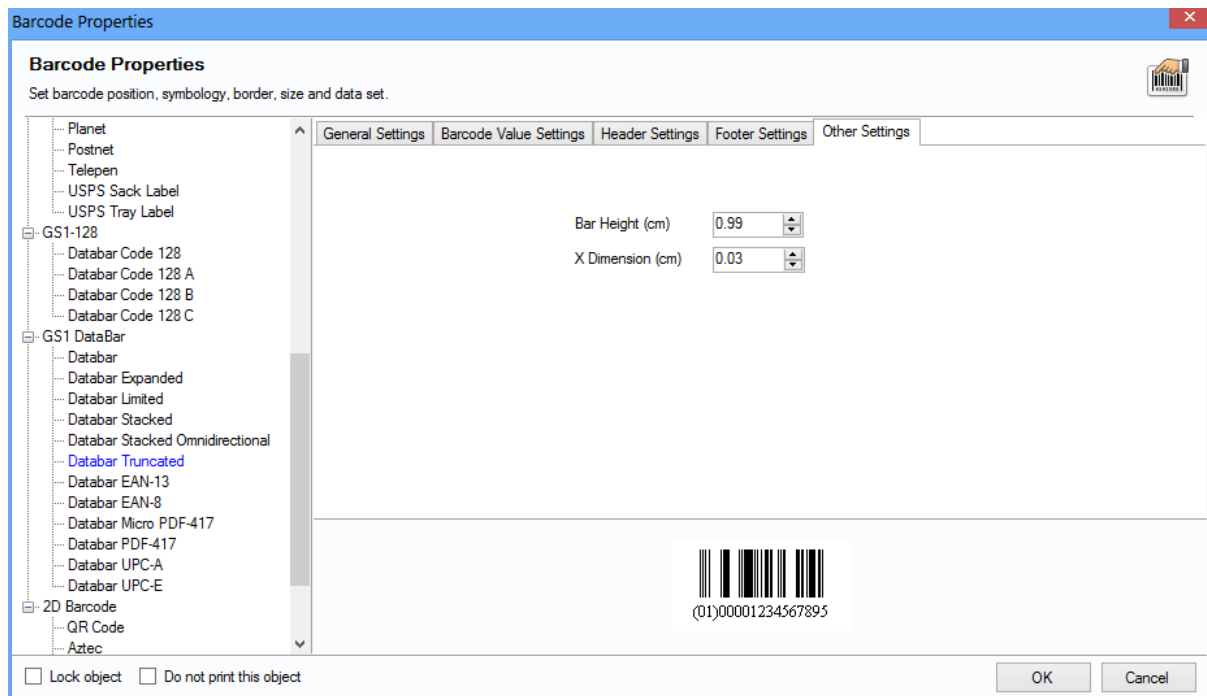
- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

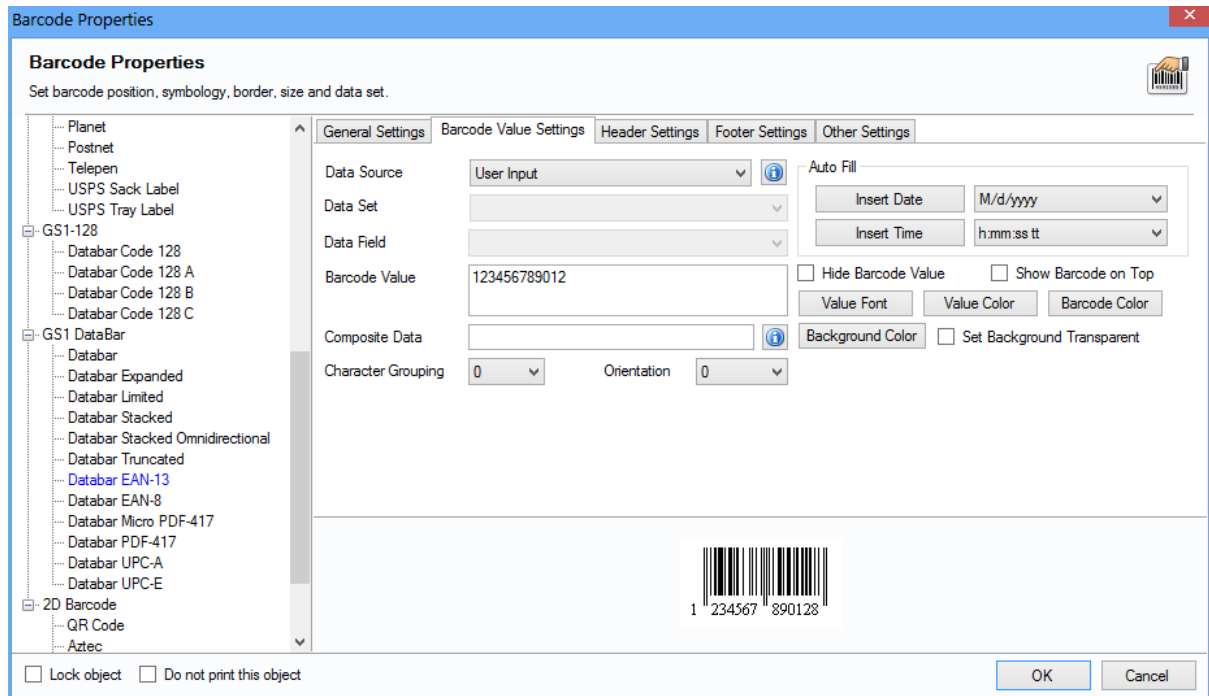
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

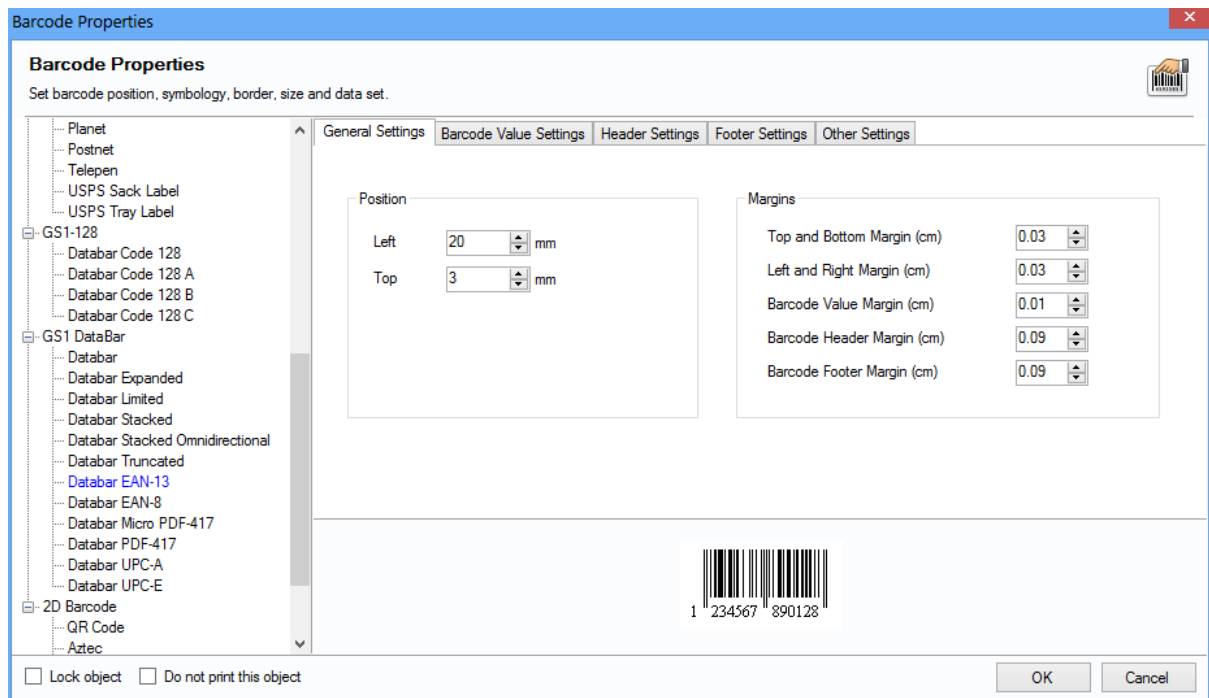
Click “**OK**” button to apply the settings.

#### 6.2.3.11 DataBar EAN-13

On selecting any DataBar EAN-13, Properties window includes following:



**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The dialog is titled 'Barcode Properties' and has a subtitle 'Set barcode position, symbology, border, size and data set.' The left pane shows a tree view of barcode types, with 'GS1 DataBar' expanded. The main area contains several settings:

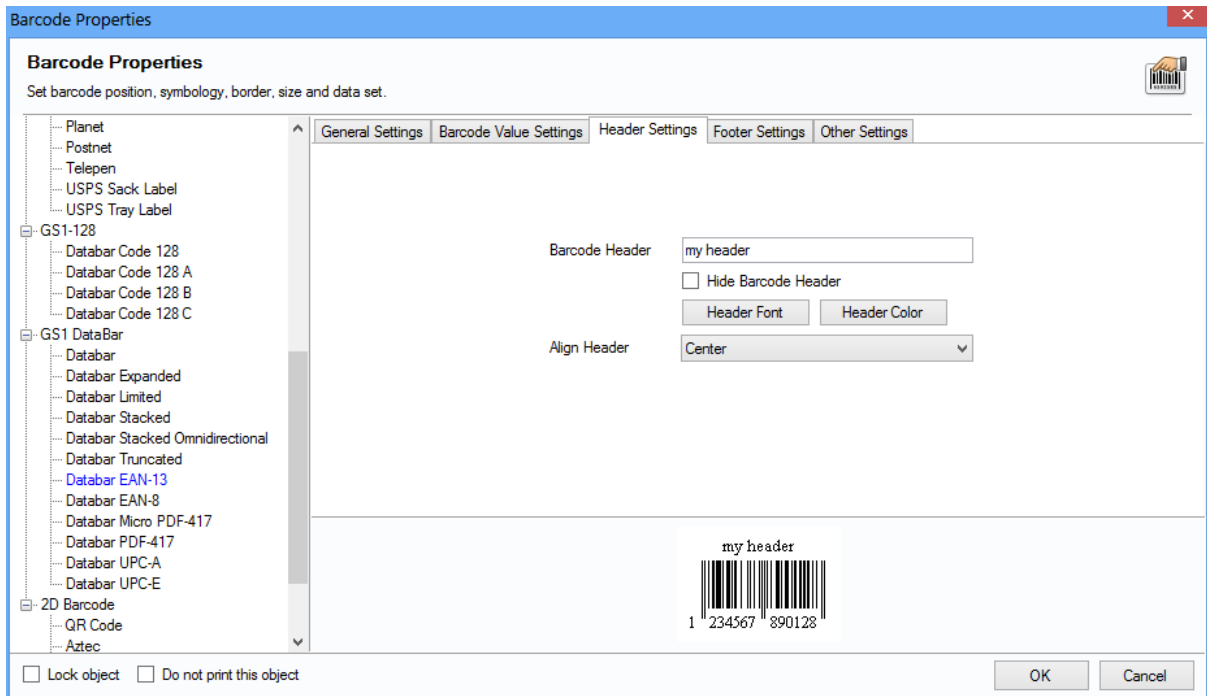
- Data Source:** User Input
- Data Set:** (empty dropdown)
- Data Field:** (empty dropdown)
- Barcode Value:** 123456789012
- Composite Data:** (empty text box)
- Character Grouping:** 0
- Orientation:** 0
- Auto Fill:** Includes 'Insert Date' (M/d/yyyy) and 'Insert Time' (h:mm:ss tt) dropdowns.
- Hide Barcode Value:**
- Show Barcode on Top:**
- Value Font, Value Color, Barcode Color:** (color selection buttons)
- Background Color:** (color selection button)
- Set Background Transparent:**

At the bottom, there are checkboxes for 'Lock object' and 'Do not print this object', and 'OK' and 'Cancel' buttons. A small barcode preview is visible at the bottom right of the dialog, showing the value '1 234567 890128'.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

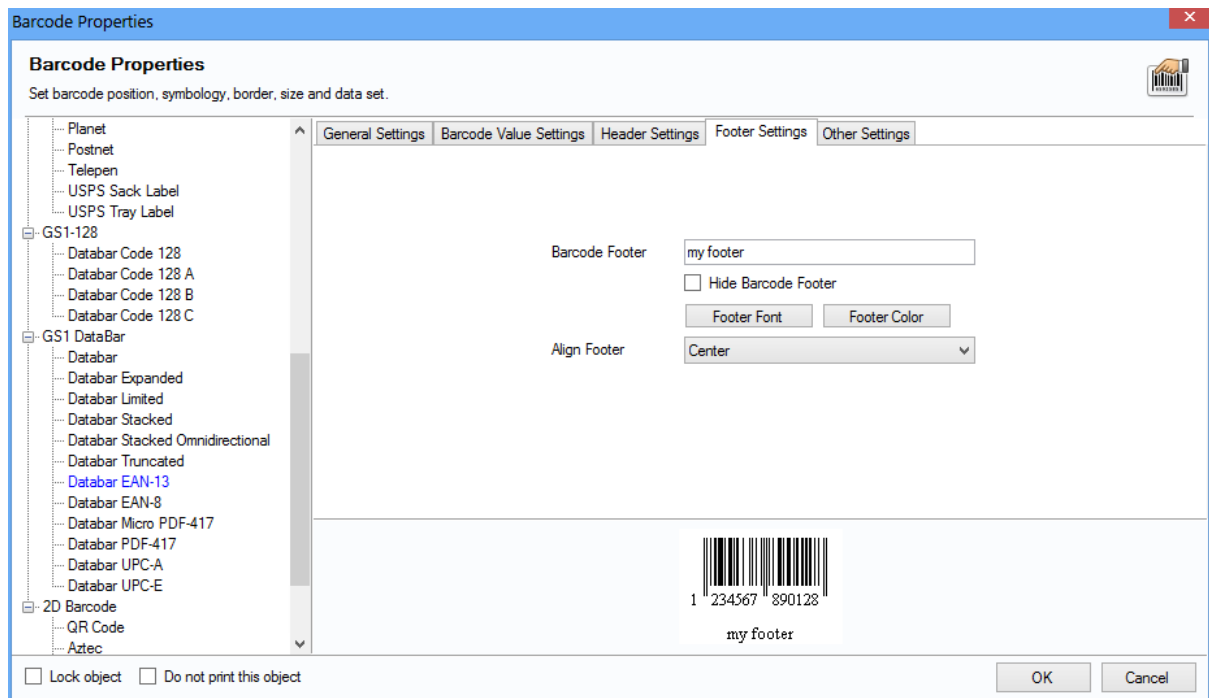
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



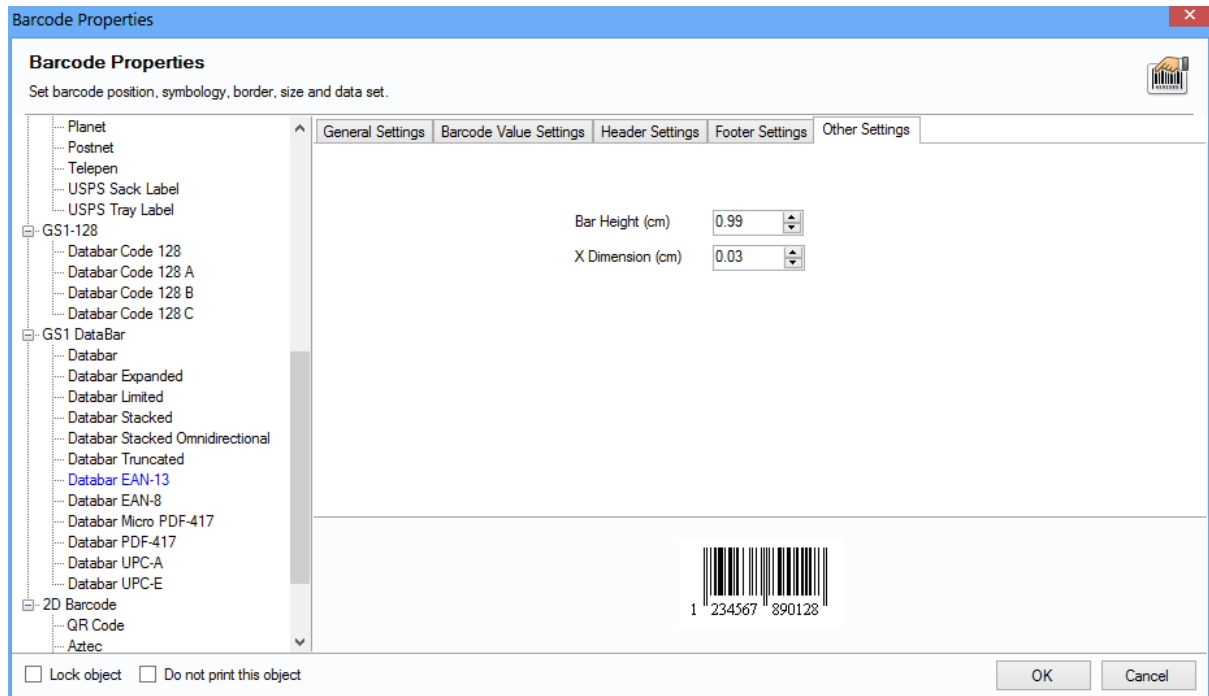
- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

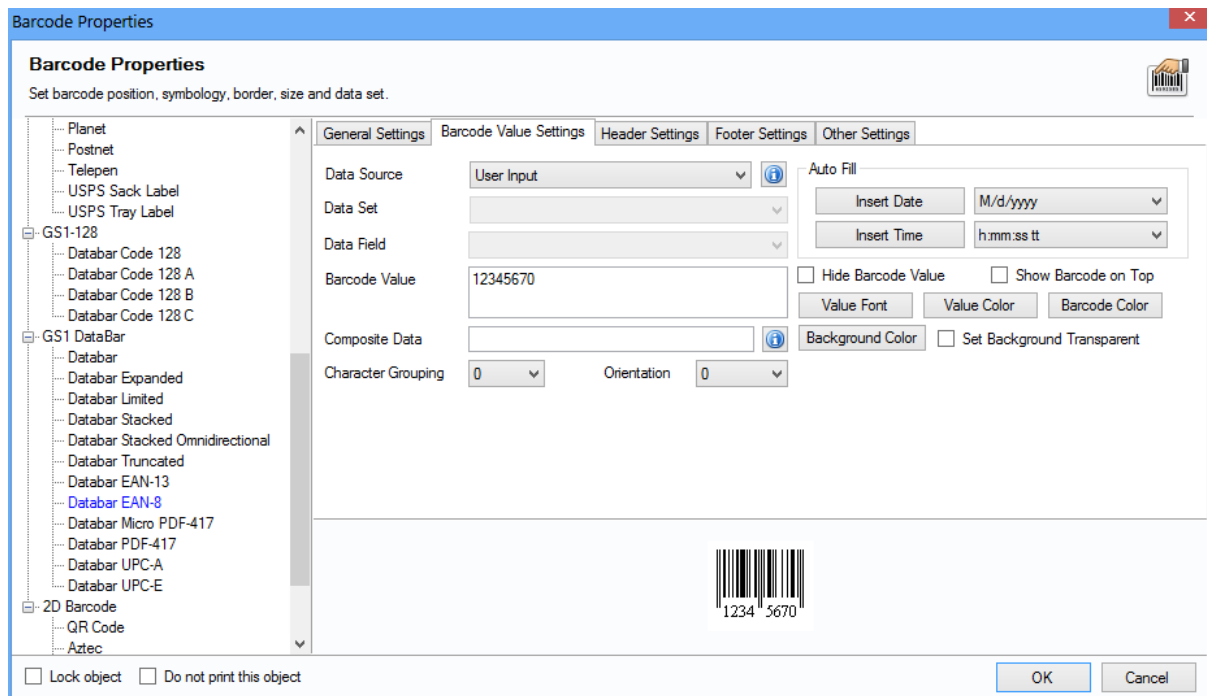
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

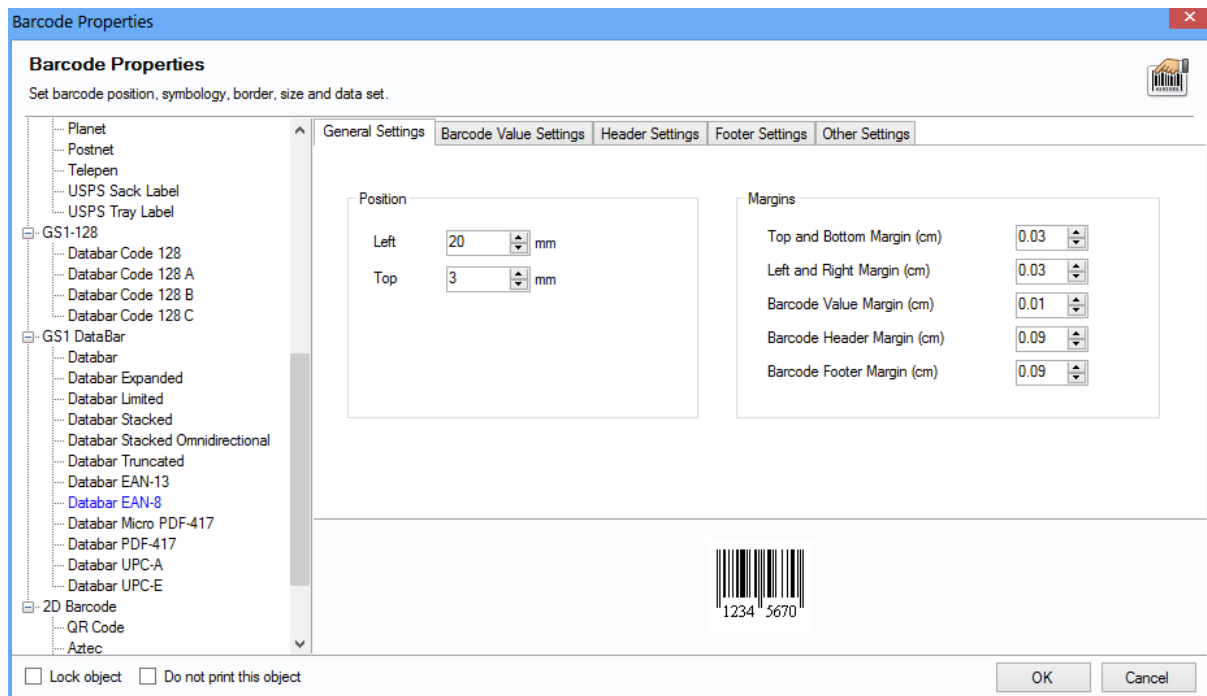
Click “**OK**” button to apply the settings.

#### 6.2.3.12 DataBar EAN-8

On selecting any DataBar EAN-8, Properties window includes following:



**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

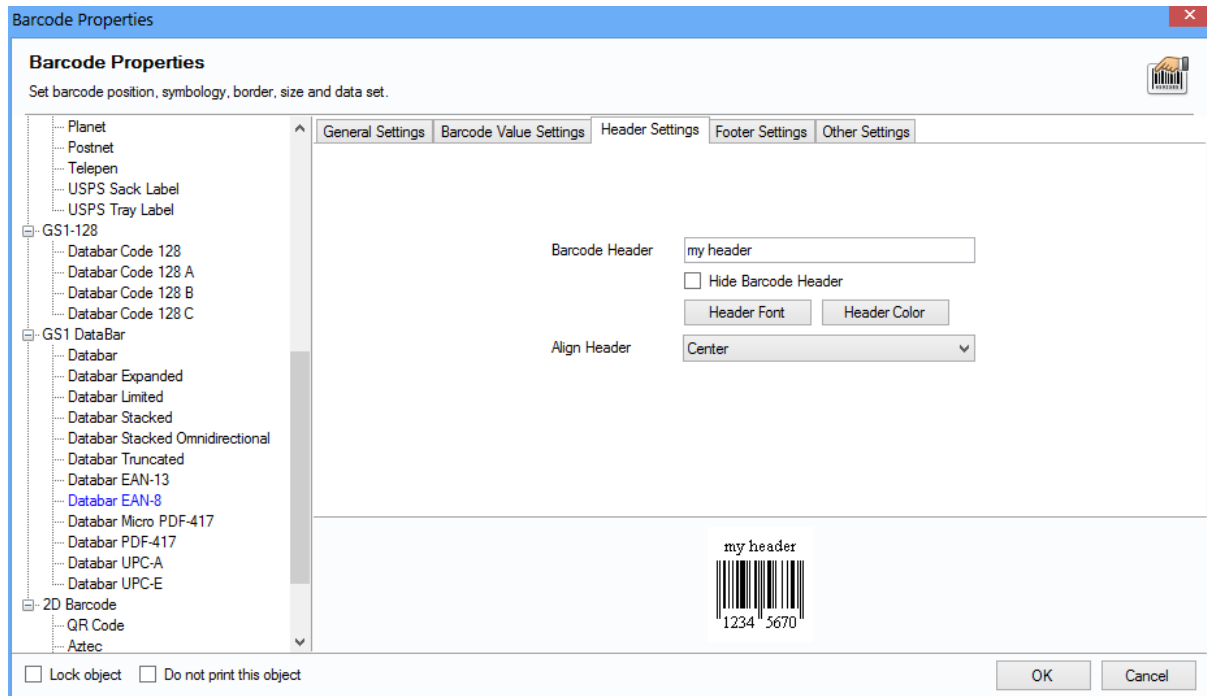
**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The 'Barcode Value' field contains '12345670'. The 'Auto Fill' section includes 'Insert Date' (M/d/yyyy) and 'Insert Time' (h:mm:ss tt). The 'Character Grouping' is set to 0 and 'Orientation' is set to 0. A preview of a barcode is shown at the bottom with the value '1234 5670' below it.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

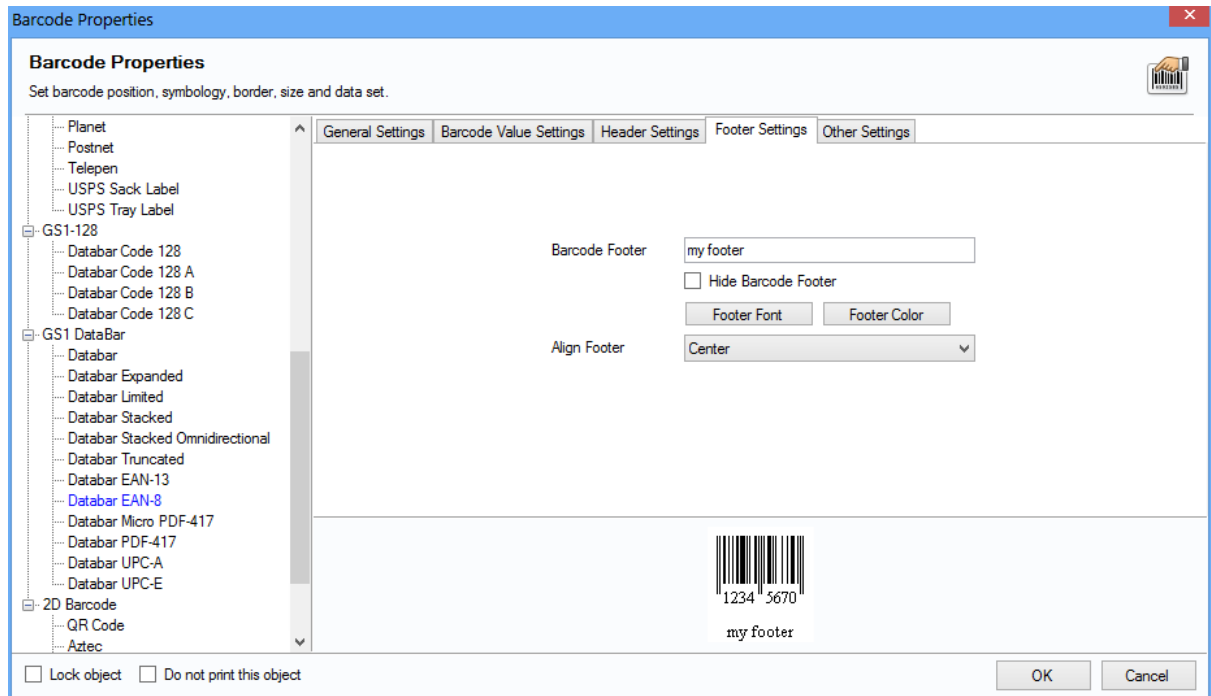
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



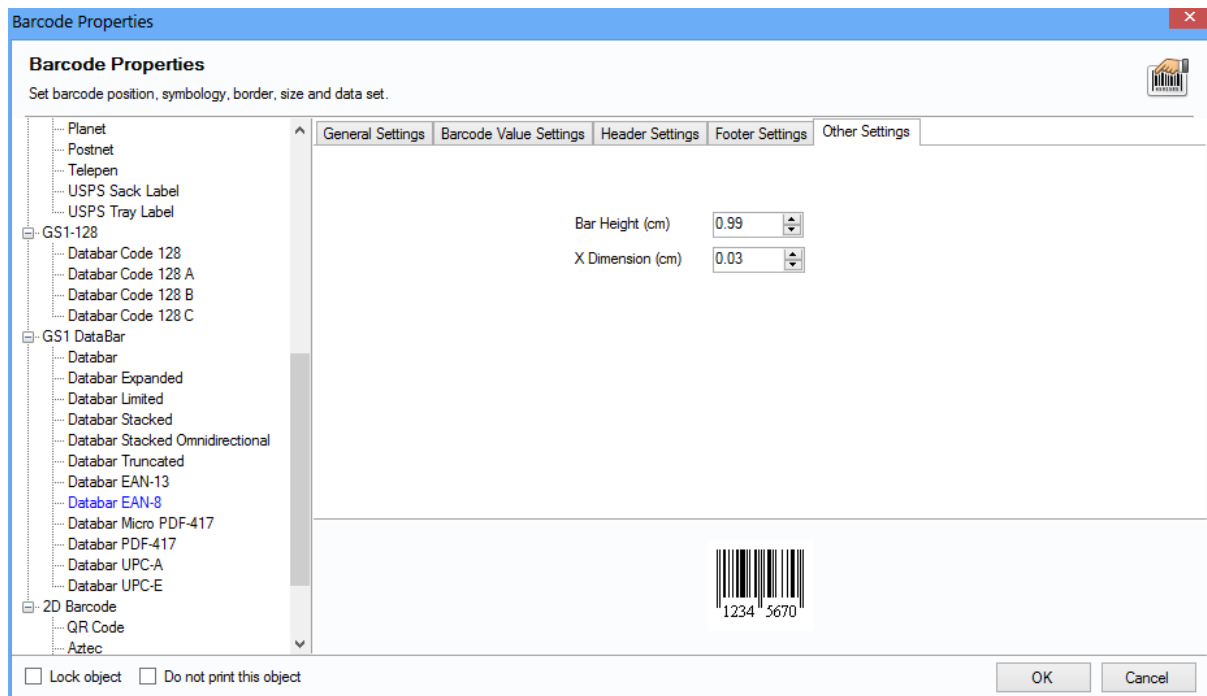
- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

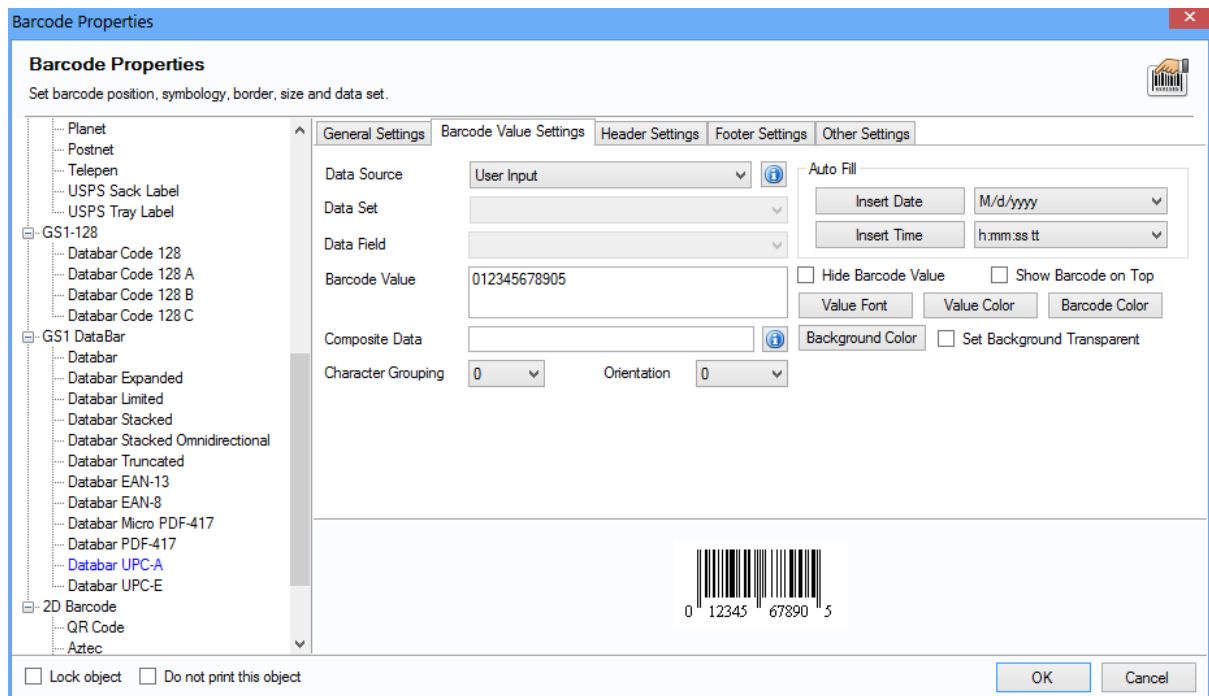
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

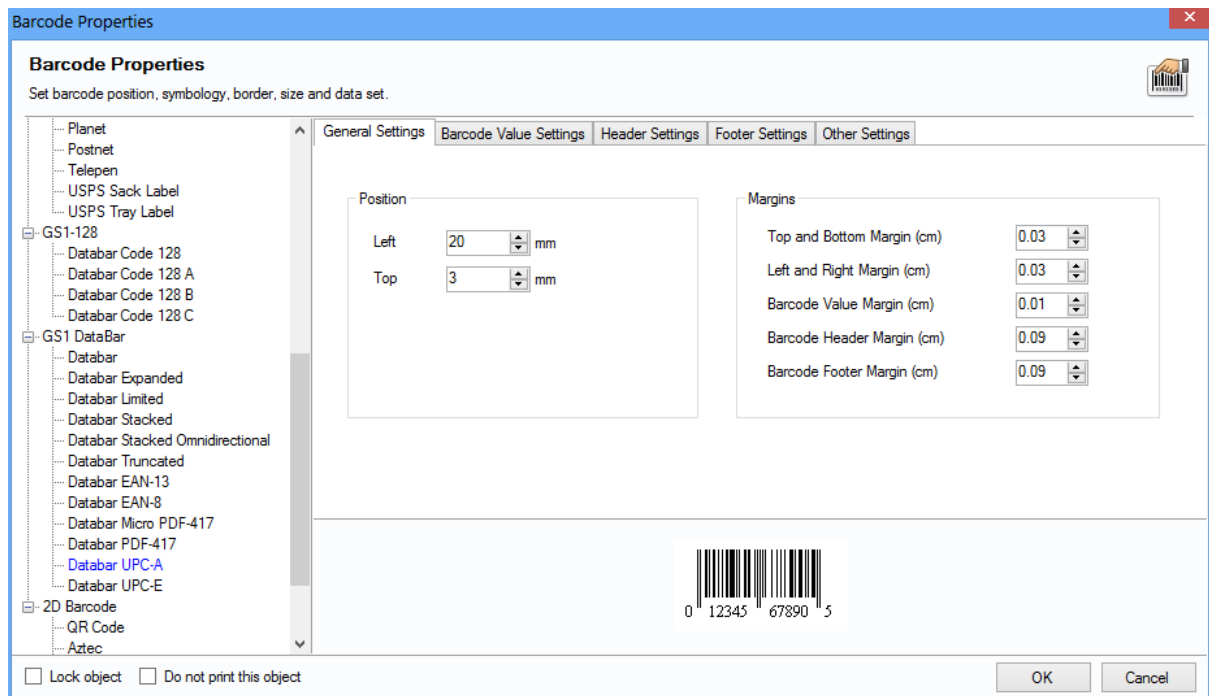
Click “**OK**” button to apply the settings.

#### 6.2.3.13 DataBar UPC-A

On selecting any DataBar UPC-A, Properties window includes following:



**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

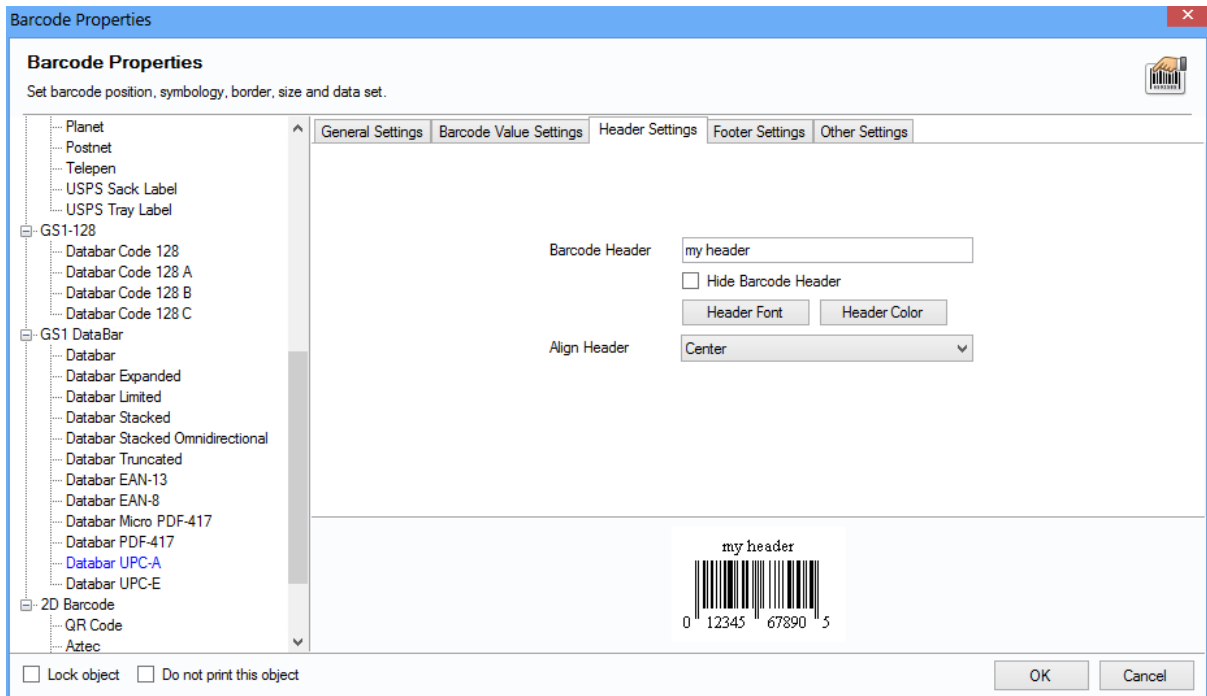
**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The 'Data Source' is set to 'User Input' and the 'Barcode Value' is '012345678905'. The 'Character Grouping' is set to '0' and the 'Orientation' is '0'. There are also options for 'Auto Fill' (Insert Date: M/d/yyyy, Insert Time: h:mm:ss tt), 'Hide Barcode Value', 'Show Barcode on Top', 'Value Font', 'Value Color', 'Barcode Color', and 'Background Color'. A preview of the barcode is shown at the bottom right with the value '0 12345 67890 5'.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

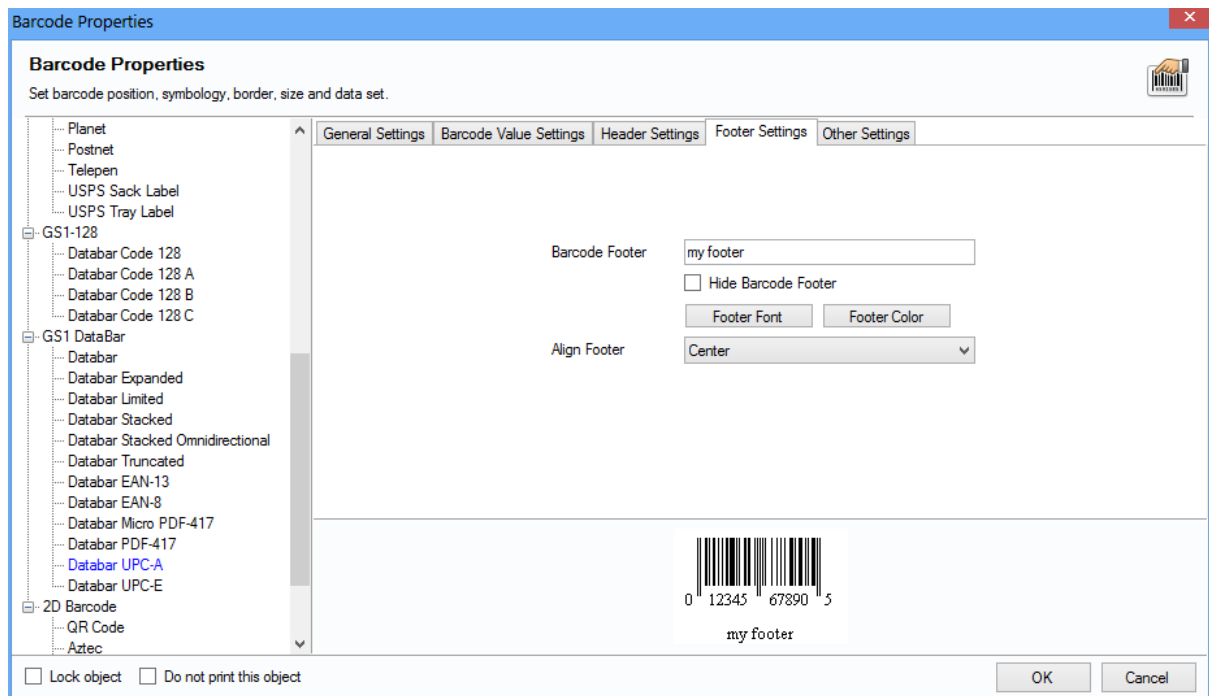
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



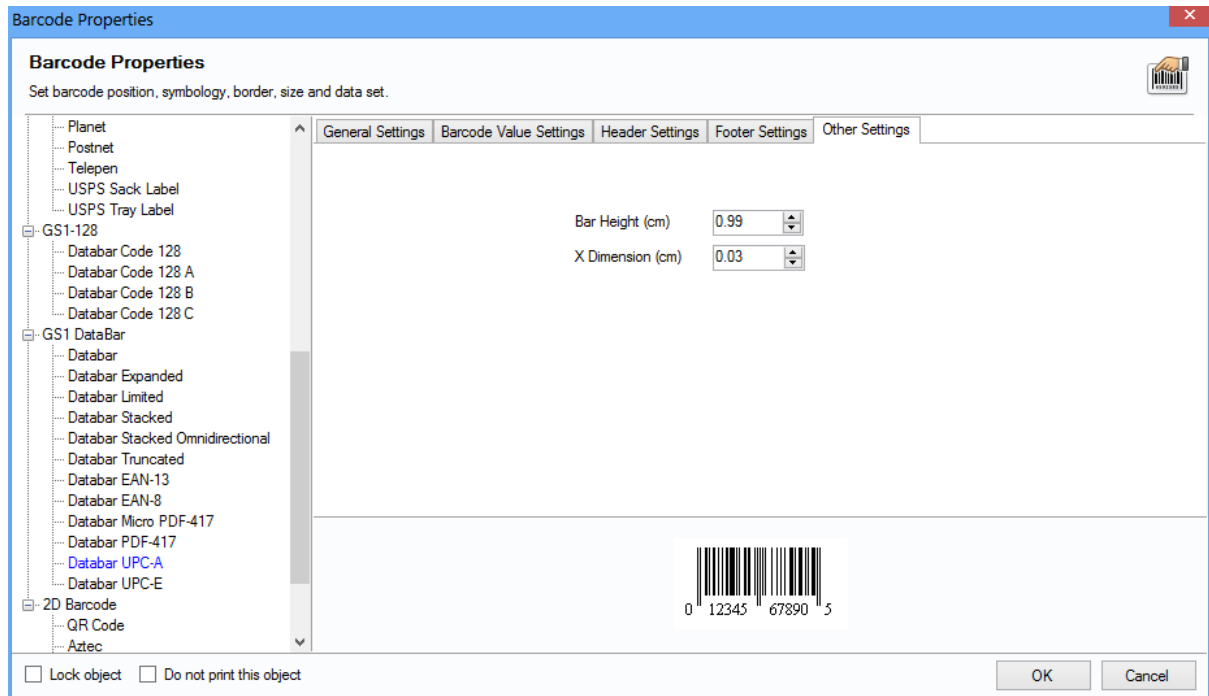
- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

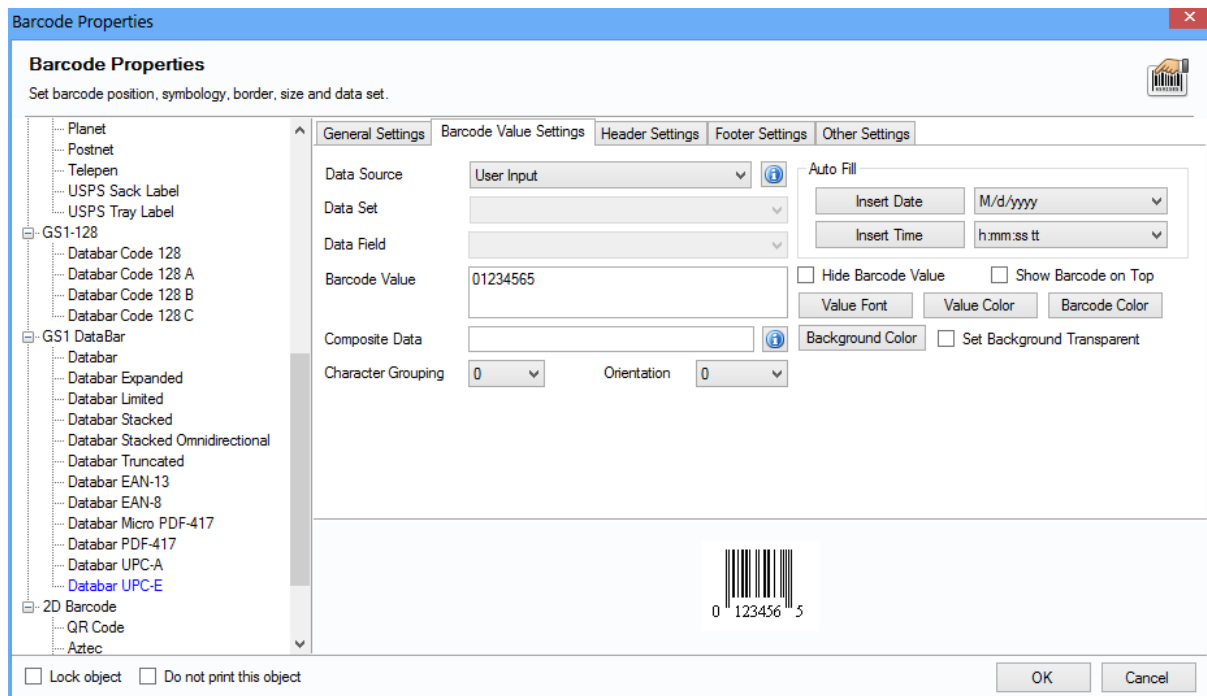
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

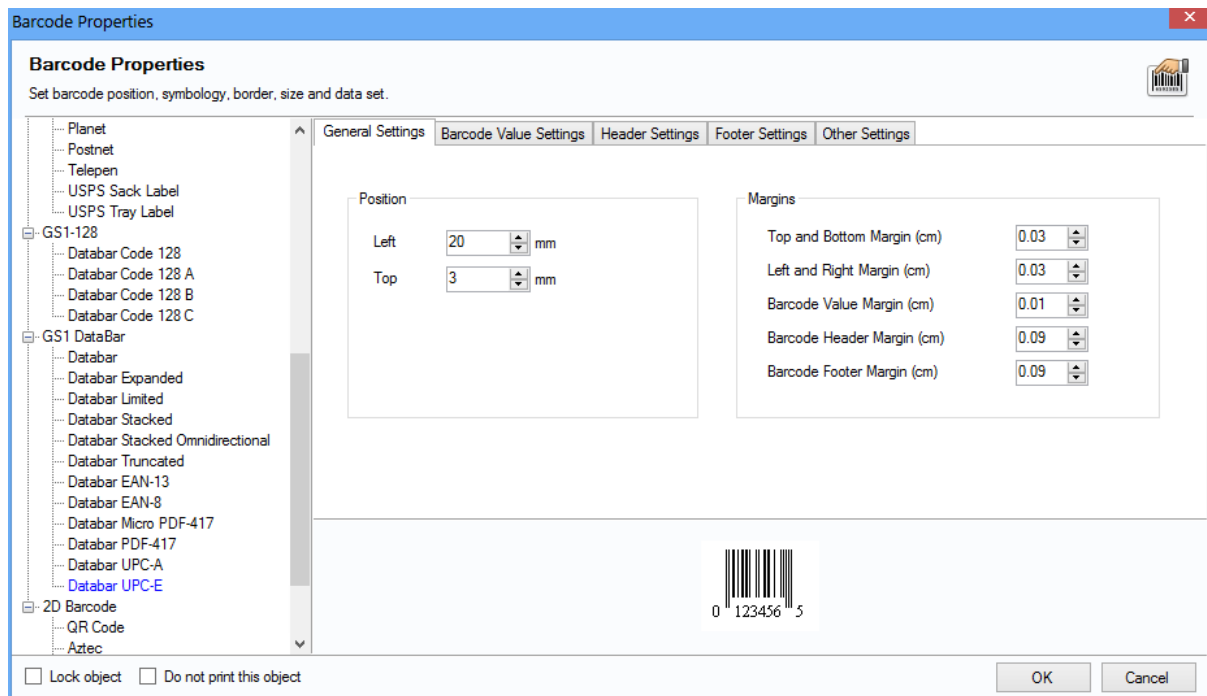
Click “**OK**” button to apply the settings.

#### 6.2.3.14 DataBar UPC-E

On selecting any DataBar UPC-E, Properties window includes following:



**General Settings tab includes following options:**



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

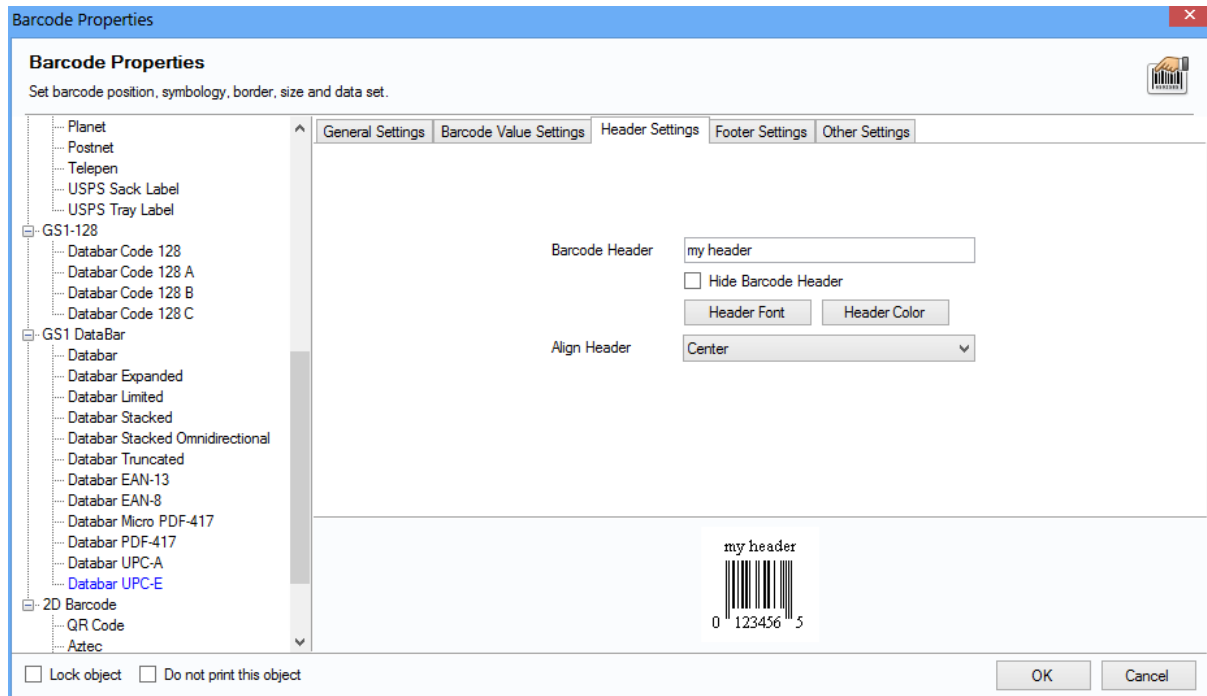
**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The 'Data Source' is set to 'User Input' and the 'Barcode Value' is '01234565'. The 'Auto Fill' section includes options for 'Insert Date' (M/d/yyyy) and 'Insert Time' (h:mm:ss tt). There are also checkboxes for 'Hide Barcode Value' and 'Show Barcode on Top', and buttons for 'Value Font', 'Value Color', and 'Barcode Color'. The 'Background Color' and 'Set Background Transparent' options are also visible. A preview of a barcode is shown at the bottom with the value '0 123456 5'.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

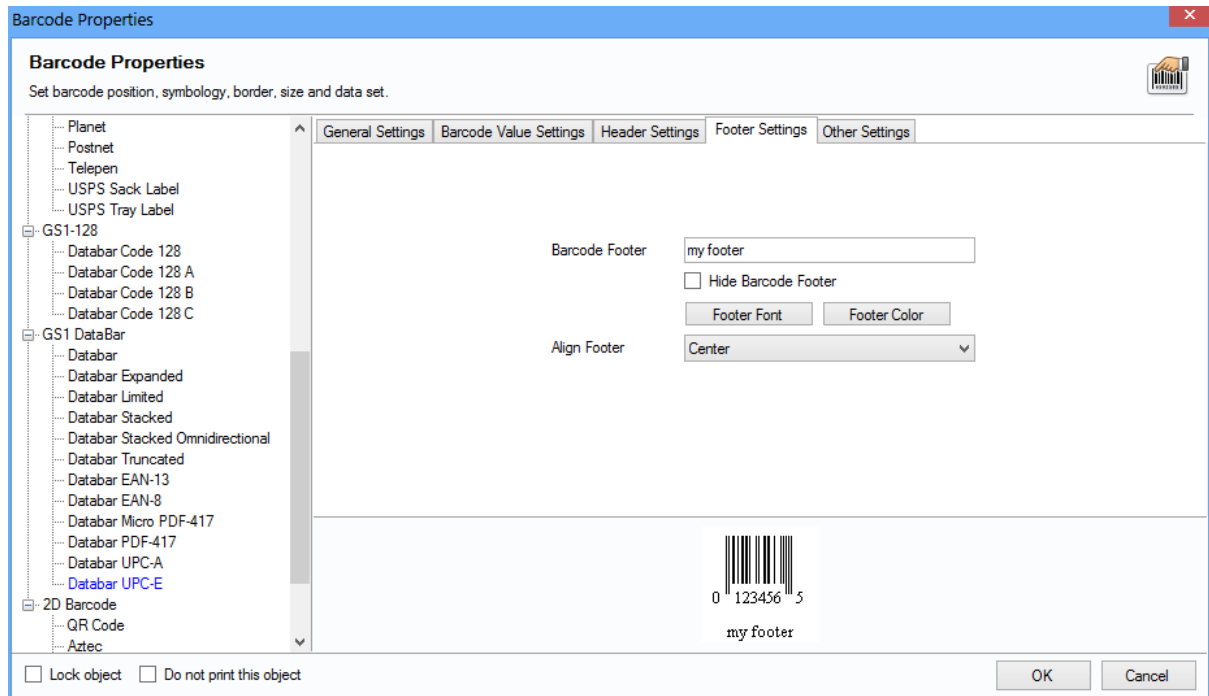
- Barcode Background Color – Set the Barcode Background Color.

### Header Settings tab includes following options:



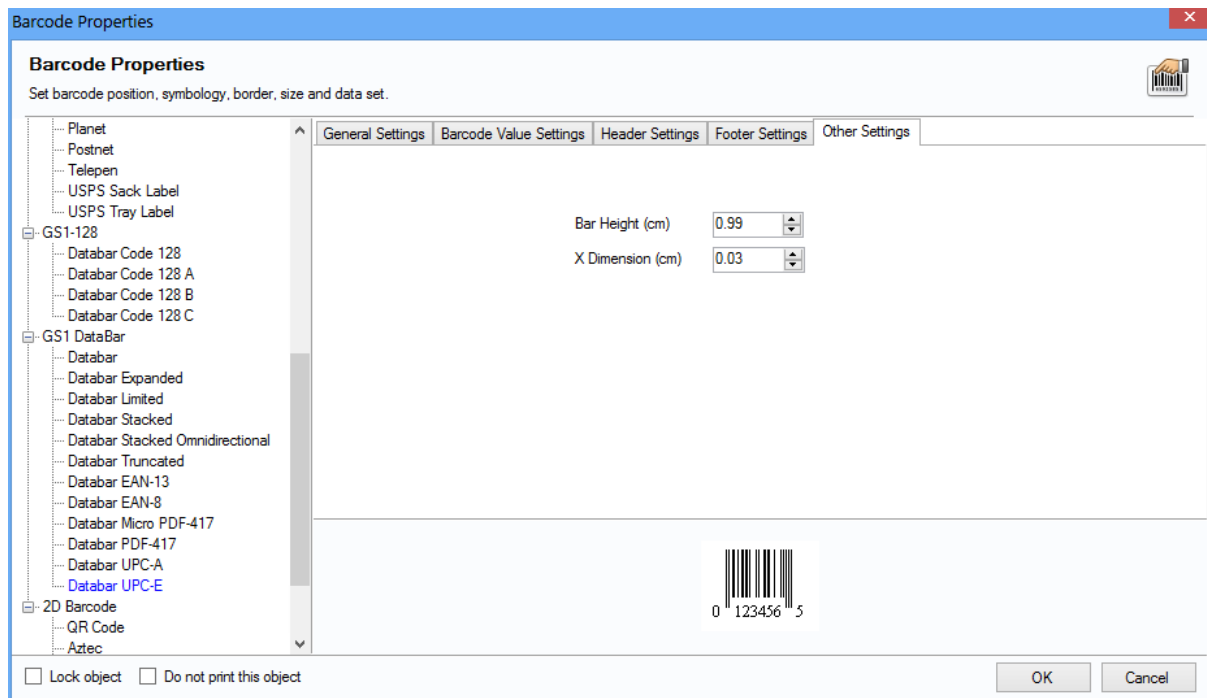
- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

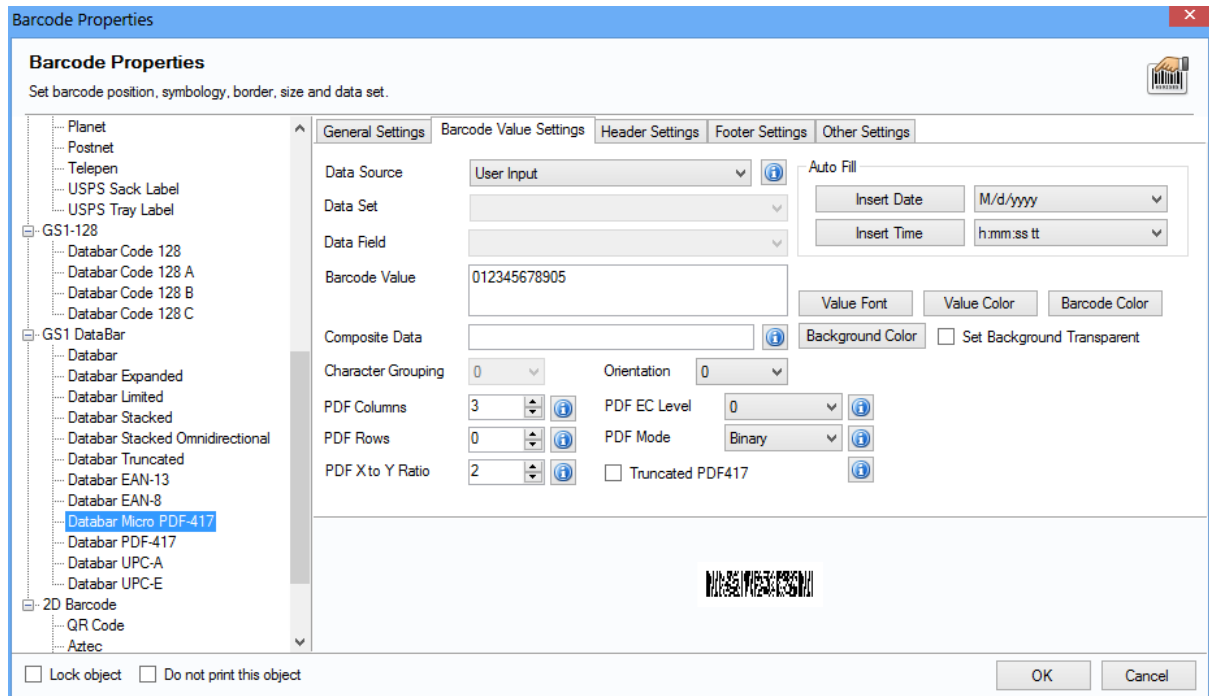
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

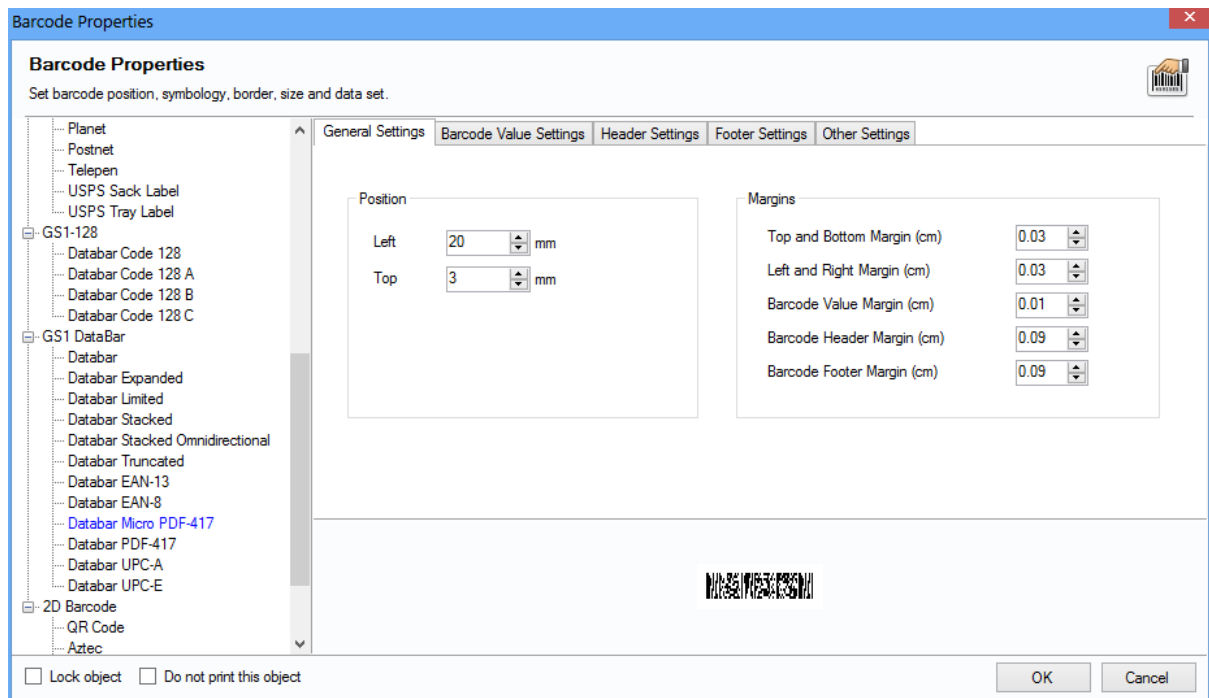
Click **“OK”** button to apply the settings.

#### 6.2.3.15 DataBar Micro PDF-417

On selecting any DataBar Micro PDF-417, Properties window includes following:



General Settings tab includes following options:



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

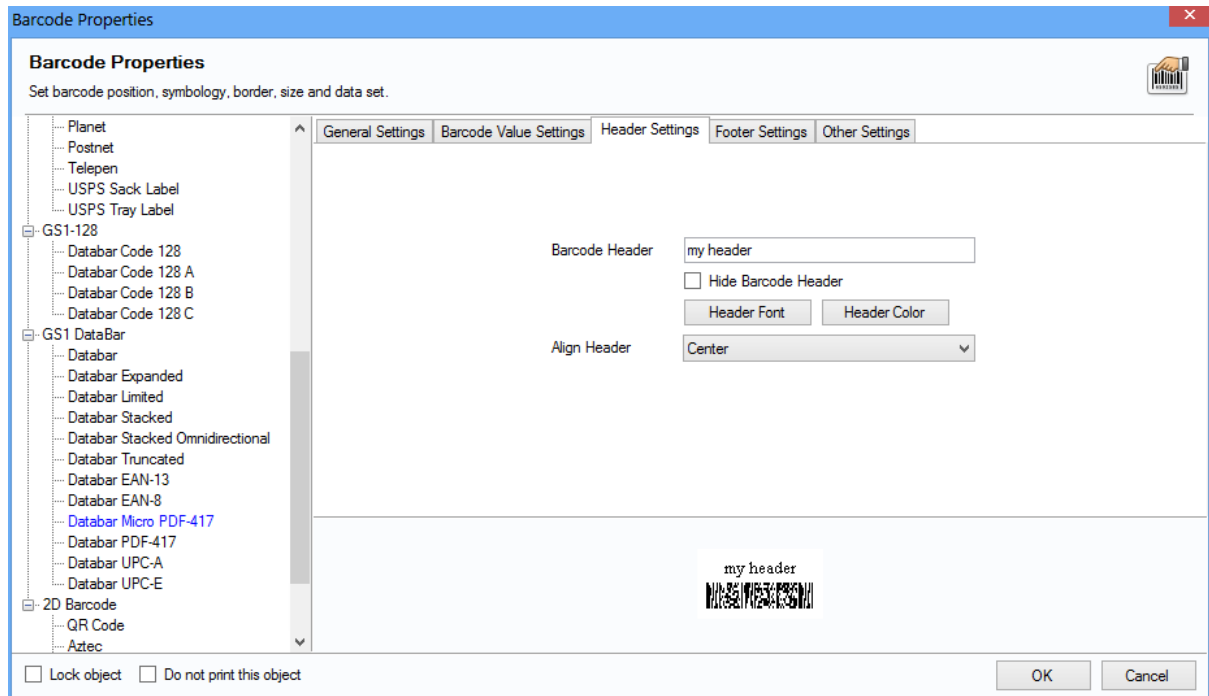
**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The 'Barcode Value' field contains '012345678905'. Other settings include 'Data Source' set to 'User Input', 'PDF Columns' set to 3, 'PDF Rows' set to 0, and 'PDF X to Y Ratio' set to 2. A preview of a barcode is visible at the bottom of the dialog.

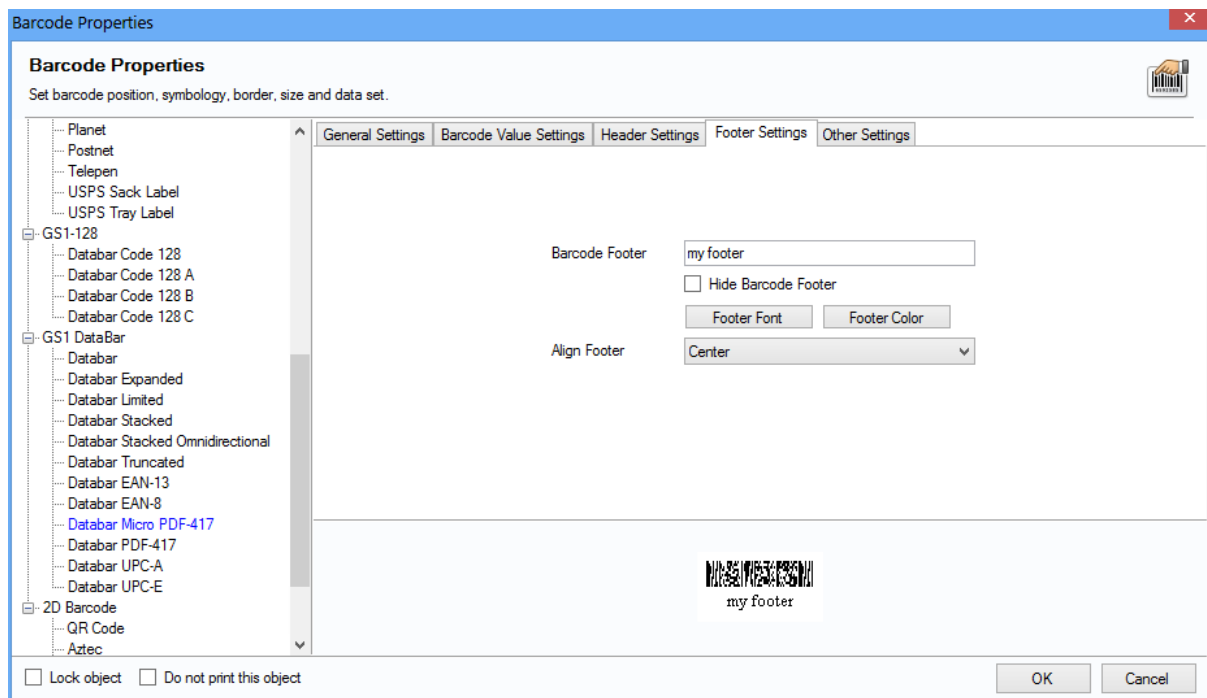
- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

- Barcode Background Color – Set the Barcode Background Color.
- PDF Columns – Set PDF Columns Value
- PDF Rows – Set PDF Rows Value
- PDF X to Y Ratio – Set PDF X to Y Ratio Value
- PDF EC Level – Set PDF EC Level Value
- PDF Mode – Set PDF Mode
- Truncated PDF417 – Select to Truncate PDF417

### Header Settings tab includes following options:

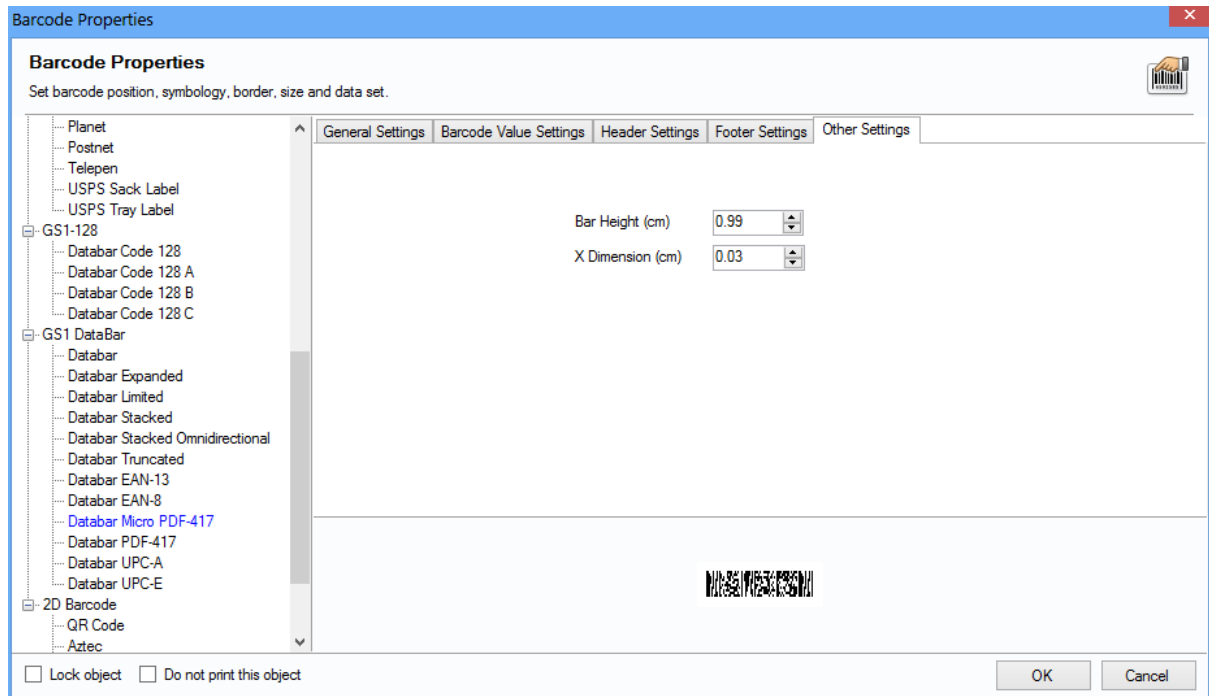


- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

**Footer Settings tab includes following options:**

- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

**Other Settings tab includes following options:**



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

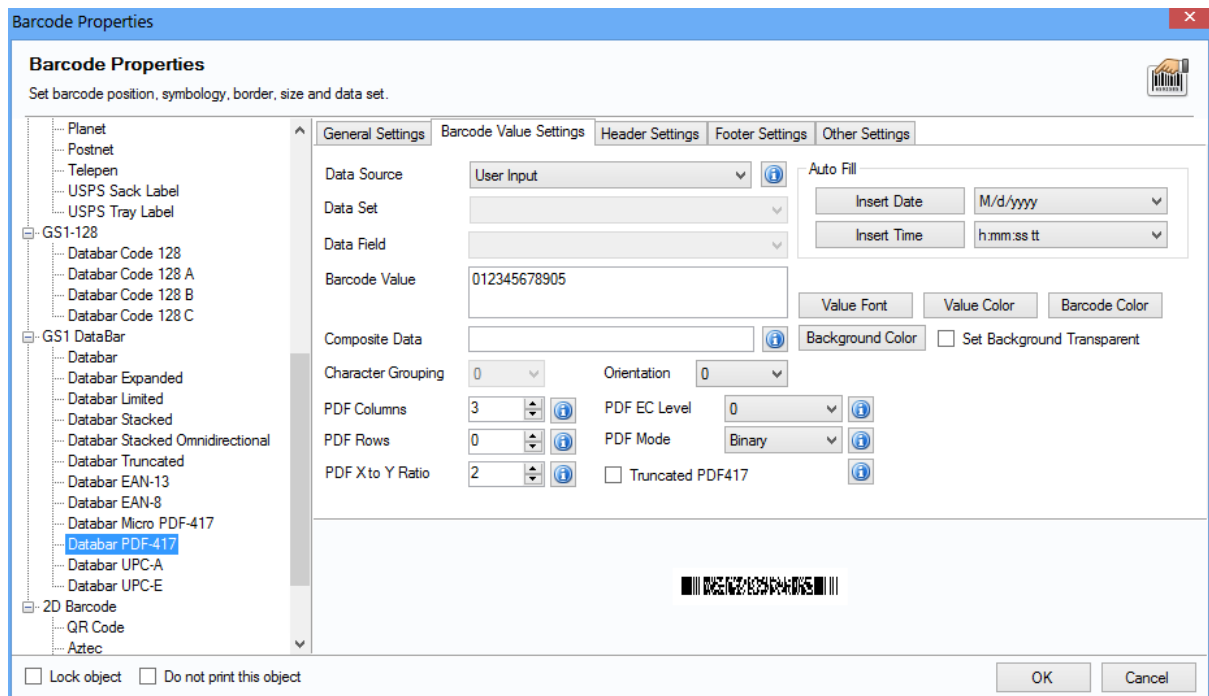
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

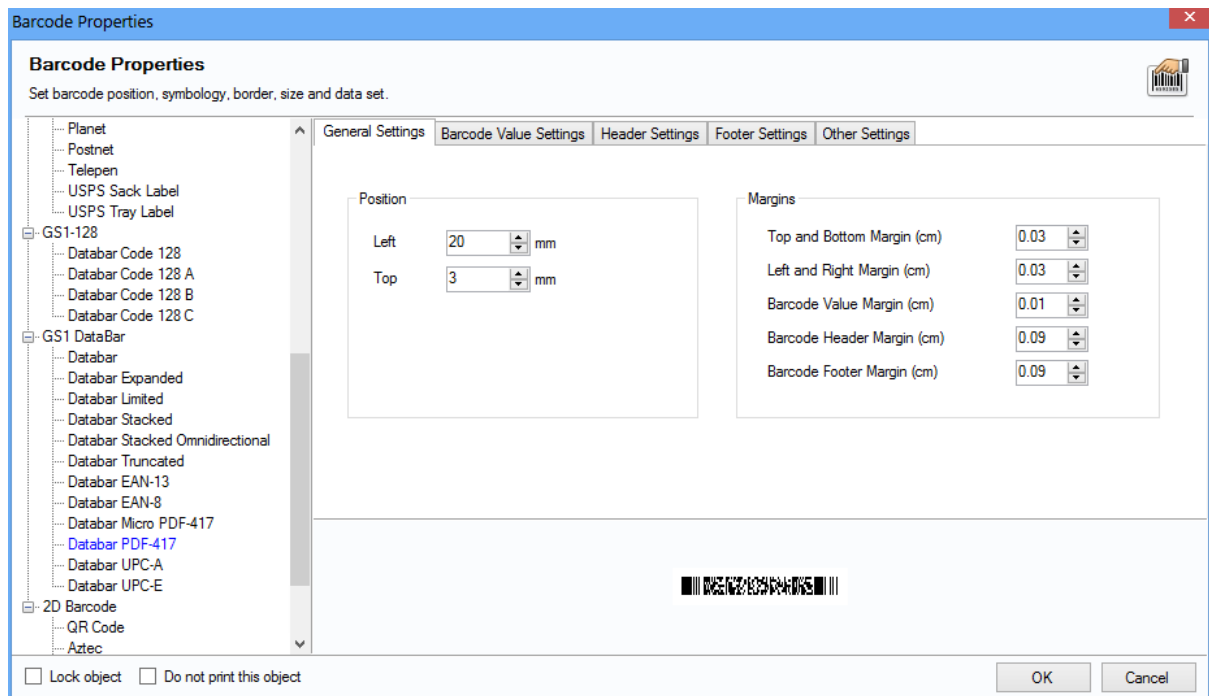
Click “**OK**” button to apply the settings.

#### 6.2.3.16 DataBar PDF-417

On selecting any DataBar PDF-417, Properties window includes following:



General Settings tab includes following options:



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Top and Bottom Margin (cm) – Set the Top and Bottom Margin.

- Left and Right Margin (cm) – Set the Left and Right Margin.
- Barcode Value Margin (cm) – Set the Barcode Value Margin.
- Barcode Header Margin (cm) – Set the Barcode Header Margin.
- Barcode Footer Margin (cm) – Set the Barcode Footer Margin.

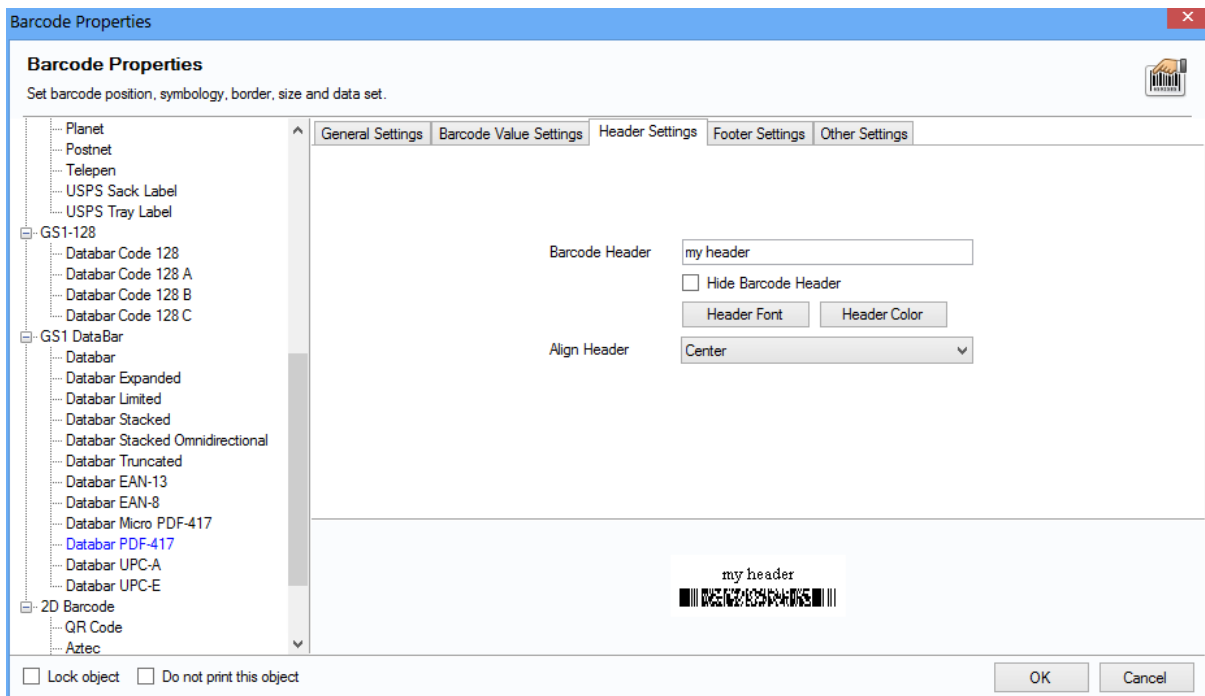
**Barcode Value Settings tab includes following options:**

The screenshot shows the 'Barcode Properties' dialog box with the 'Barcode Value Settings' tab selected. The 'Data Source' is set to 'User Input' and the 'Barcode Value' field contains '012345678905'. The 'PDF Mode' is set to 'Binary'. A preview of a barcode is visible at the bottom of the dialog.

- Barcode Value – Enter the Barcode Value.
- Composite Data - Enter the Composite Data Value.
- Hide Barcode Value – Select to Hide Barcode Value.
- Show Barcode Value in Top – Select to Show Barcode Value in Top.
- Character Grouping – Set the Character Grouping Value.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees.
- Barcode Value Color – Set the Barcode Value Color.
- Barcode Color – Set the Barcode Color.

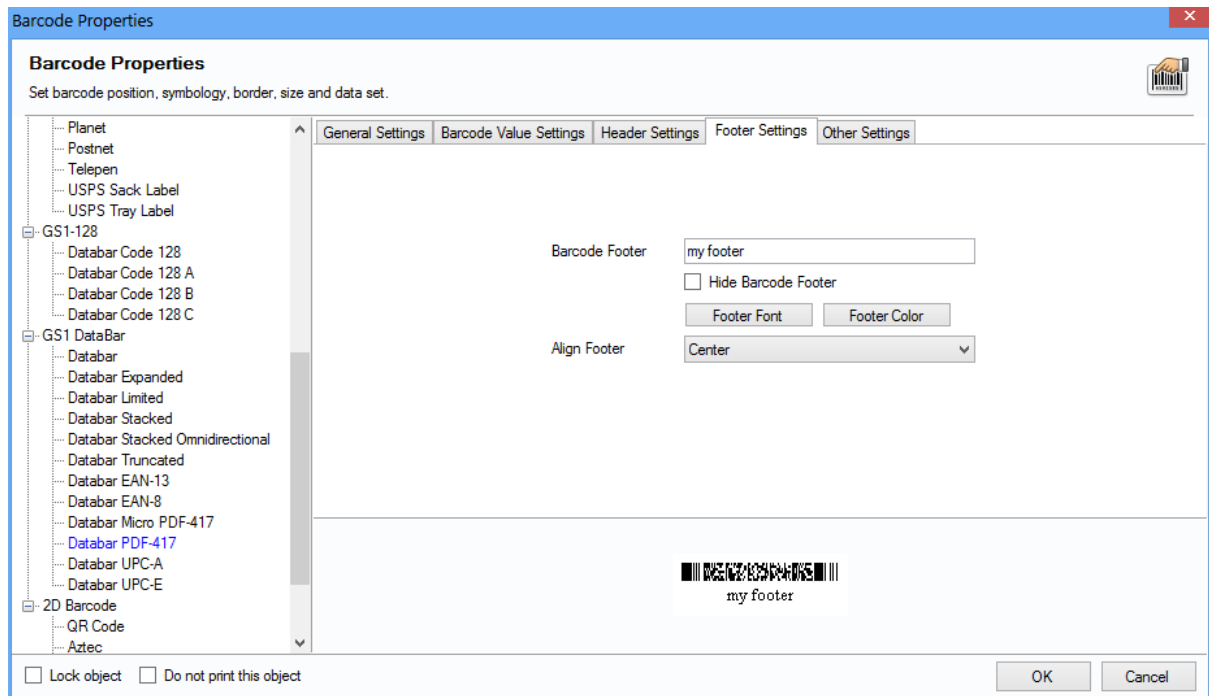
- Barcode Background Color – Set the Barcode Background Color.
- PDF Columns – Set PDF Columns Value
- PDF Rows – Set PDF Rows Value
- PDF X to Y Ratio – Set PDF X to Y Ratio Value
- PDF EC Level – Set PDF EC Level Value
- PDF Mode – Set PDF Mode
- Truncated PDF417 – Select to Truncate PDF417

**Header Settings tab includes following options:**



- Barcode Header – Enter the Barcode Header details.
- Barcode Header Font – Set the Barcode Header Font.
- Align Header – Set the alignment of Barcode Header ("Left, Center or Right").
- Hide Barcode Header – Select to Hide Barcode Header.
- Barcode Header Color – Set the Barcode Header Color.

### Footer Settings tab includes following options:



- Barcode Footer – Enter the Barcode Footer details.
- Barcode Footer Font – Set the Barcode Footer Font.
- Align Header and Align Footer – Set the alignment of Barcode Header and Barcode Footer ("Left, Center or Right").
- Hide Barcode Footer – Select to Hide Barcode Footer.
- Barcode Footer Color – Set the Barcode Footer Color.

### Other Settings tab includes following options:



- Bar Height (cm) – Set the Barcode Bar Height.
- X Dimension (cm) – Enter the X Dimension Value.

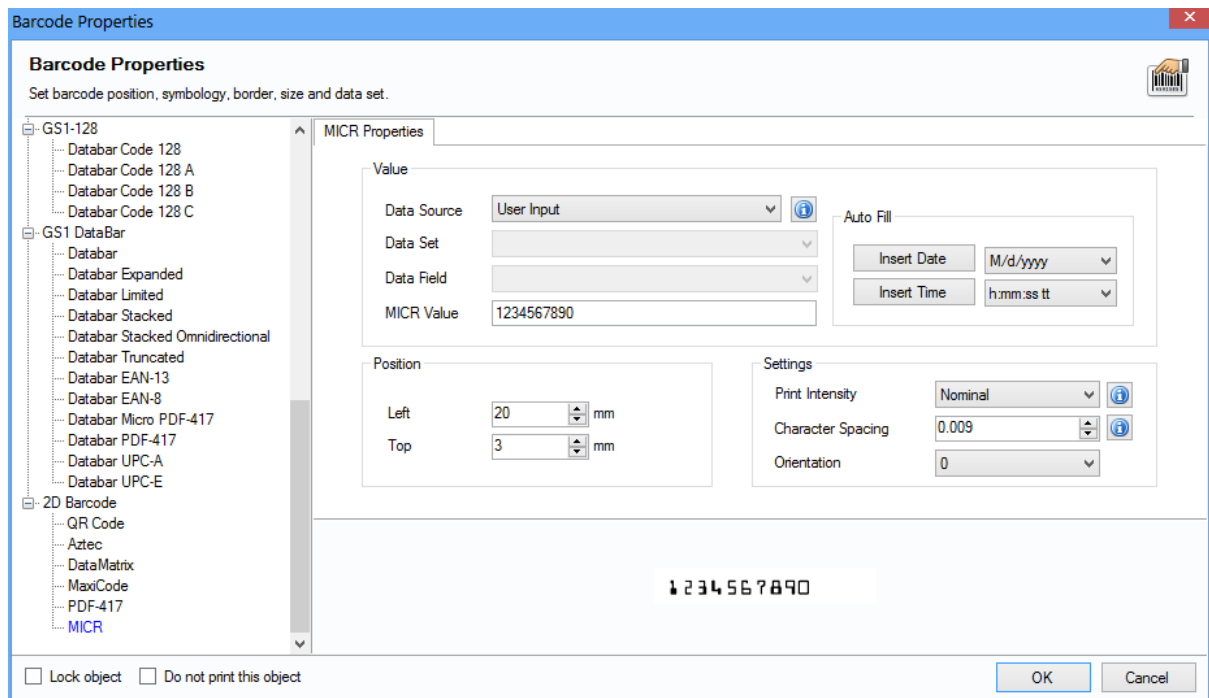
**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

Click “**OK**” button to apply the settings.

#### 6.2.4 MICR

On selecting any MICR, Properties window includes following:



- Left and Top position – Set Left and Top positions to place barcode in the label.
- Barcode Value – Enter the barcode value.
- Print Intensity – Set the Print Intensity.
- Character Spacing – Set the Character spacing.
- Orientation – Rotate the barcode image in 0, 90, 180, 270 degrees


**Lock Object** – Select to Lock the Barcode object while designing label. (It gives you option to lock the movement of the Barcode object)

**Do not print this object** – Select to not print Barcode object while printing designed label.

Click “**OK**” button to apply the settings.

## 6.3 Image

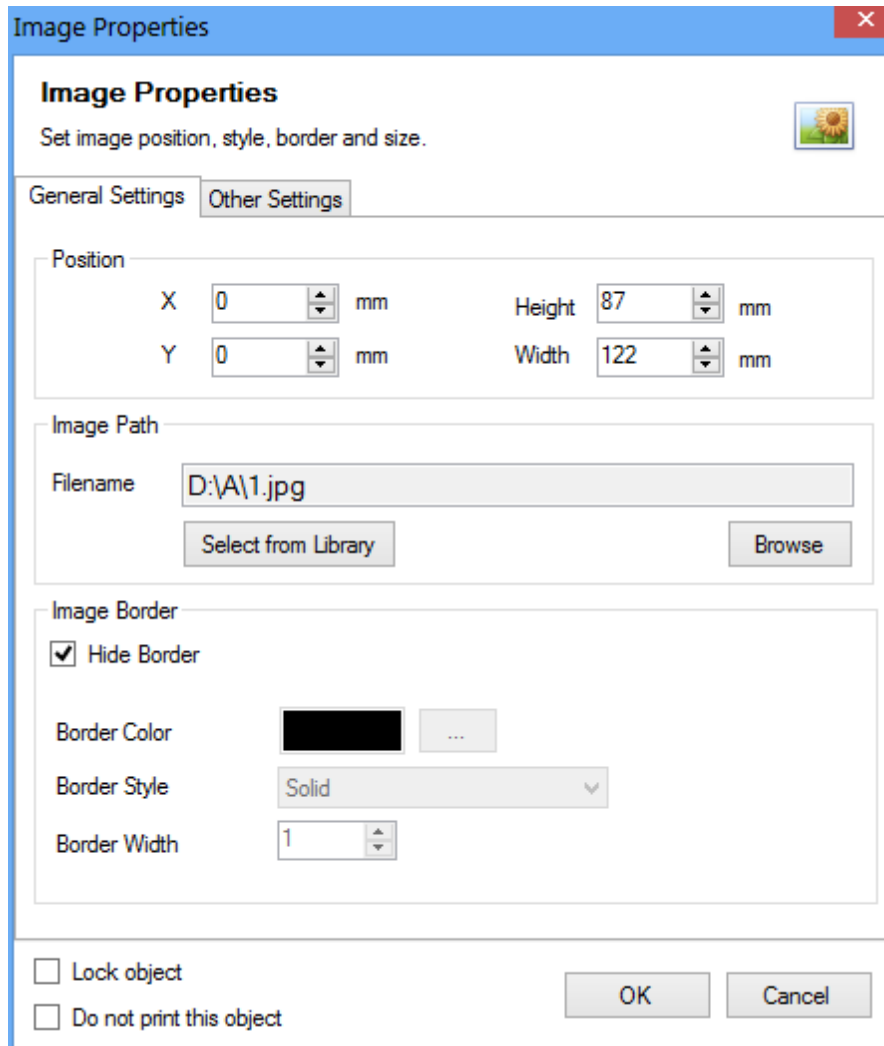
### Add Picture object to the label

- Select Picture object  from the toolbar.
- Point the location in the label where you want the Picture to be placed. Click the left mouse button and drag the cursor until space for the Picture is created in the label.

Double-click the Picture created in the label to Select Image Path and to modify the Picture Properties, as shown in window below.

### Picture Properties

*General Settings tab includes:*



#### Position

- Set the Position where Image to be placed in the label (with respect to X, Y coordinates).
- Set the **Height** and **Width** value of Image.

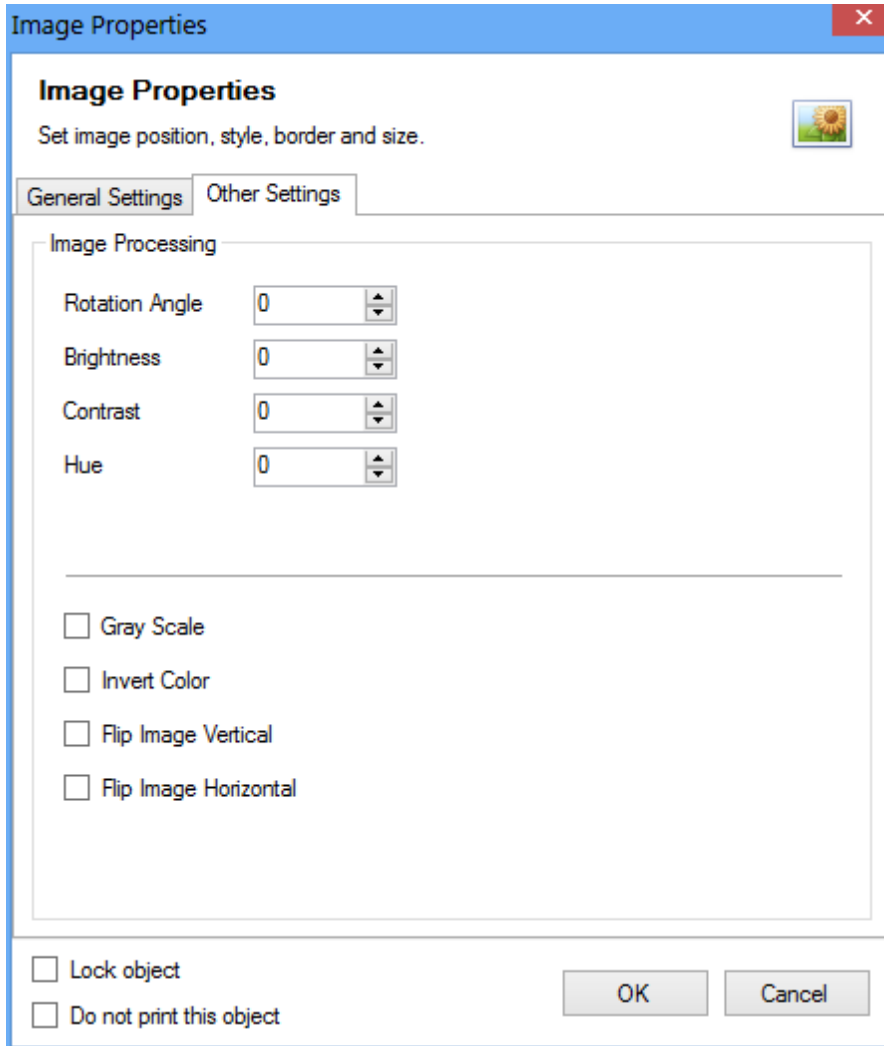
#### Select Image Path

- Click 'Select from Library' button to select image from library.
- Click '**Browse**' button to select image path.

#### Border

- **Hide Border** - Select to hide Image Border.
- **Border Color** – Select the Border Color of Image.
- **Border Width** – Set the Width of the Image Border.
- **Border Style** – Select the Border Style of Image.

*Other Settings tab includes:*



#### Image Processing

- **Rotate Angle** – Set the Width of the Image Border (It gives you option to Rotate image to any degree).
- **Brightness** – Set the Brightness of the Image.
- **Contrast** – Set the Contrast of the Image.
- **Hue** – Set the Hue of the Image.
- **Gray Scale** – Set the Gray Scale of the Image.
- **Invert Color** – Select to Invert Image Color.
- **Flip Image Vertical** – Select to Flip Image Vertically.
- **Flip Image Horizontal** – Select to Flip Image Horizontally.

**Note**

**Preview** – Software feature to preview created Picture in preview section.


**Lock Object** – Select to Lock the Picture object while designing label (It gives you option to lock the movement of the Picture object).

**Do not print this object** – Select to not print Picture object while printing designed label.

Click “**OK**” button to apply the settings.

## 6.4 Line

### Add Line object to the label

- Select Line object  from the toolbar.
- Point the location in the label where you want the Line to be placed. Click the left mouse button and drag the cursor to the point where you want the Line to end in the label.
- Line appears on the label.

Double-click the Line object created in the label to modify the Line Properties, as shown in window below.

### Line Properties

**Line Properties**  
Set line position, style, color and border.

**Position**

X1: 2 mm      X2: 15 mm  
Y1: 10 mm      Y2: 21 mm

Color: [Black]      Width: 1  
Pen Style: Solid  
Start Cap: Flat      End Cap: Flat

Lock object  
 Do not print this object

OK      Cancel

### Line Properties includes following options

- **Position** – Set the Position where Line to be placed in the label (with respect to X1, X2, Y1, Y2 co-ordinates).
- **Color** – Select the Color of Line.
- **Width** – Set the Width of Line.
- **Pen Style** – Select the Pen Style of Line.
- **Start Cap** – Select the Start Cap of Line.
- **End Cap** – Select the End Cap of Line.


**Lock Object** – Select to Lock the Line object while designing label. (It gives you option to lock the movement of the Line object).

**Do not print this object** – Select to not print Line object while printing designed label.

Click “**OK**” button to apply the settings.

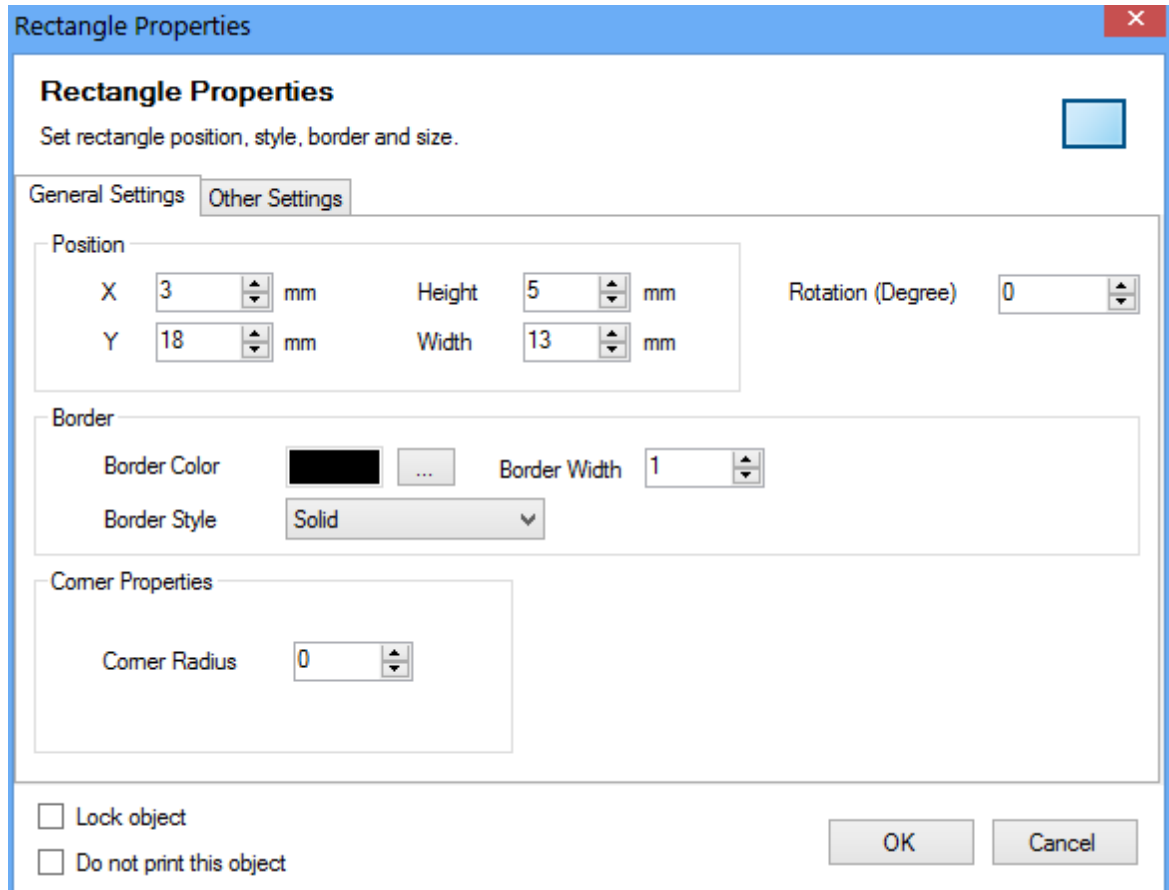
## 6.5 Rectangle

### Add Rectangle object to the label

- Select Rectangle object  from the toolbar.
- Point the location in the label where you want the Rectangle to be placed. Click the left mouse button and drag the cursor in the label until Rectangle is created.
- Rectangle appears on the label.

Double-click the Rectangle object created in the label to modify the Rectangle Properties, as shown in window below.

### Rectangle Properties




**Rectangle Properties**  
Set rectangle position, style, border and size.

General Settings | Other Settings

Position

X: 3 mm    Height: 5 mm    Rotation (Degree): 0  
Y: 18 mm    Width: 13 mm

Border

Border Color:     Border Width: 1  
Border Style: Solid

Comer Properties

Comer Radius: 0

Lock object  
 Do not print this object

OK    Cancel

### Rectangle Properties includes following options

#### Position

- Set the Position where Rectangle to be placed in the label (with respect to X, Y coordinates).
- Set the **Height** and **Width** value of Rectangle.

**Corner Properties**

- Set the Corner Radius of Rectangle.

**Border**

- **Border Color** – Select the Border Color of Rectangle.
- **Border Style** – Select the Border Style of Rectangle.
- **Border Width** – Set the Width of the Rectangle Border.

**Fill Option**

- **None** – Select to not fill color in Rectangle object.
- **Fill Color** – Select the Color to fill Rectangle region.
- **Fill Gradient** – Select the Start and End Color to fill Rectangle Gradient region.
  - **Angle** – Select the filled Gradient Color Angle.
- **Fill Style** – Select the Fill Style to fill Rectangle region.
  - **Pen Color** – Select the Pen Color.
  - **Background Color** – Select the Background Color.
- **Set Transparency** – Set the value of transparency as per your requirement to make the Rectangle object transparent.
- **Rotation Degree** – Set the Rectangle object rotation degree.


**Lock Object** – Select to Lock the Rectangle object while designing label. (It gives you option to lock the movement of the Rectangle object).

**Do not print this object** – Select to not print Rectangle object while printing designed label.

Click “OK” button to apply the settings.

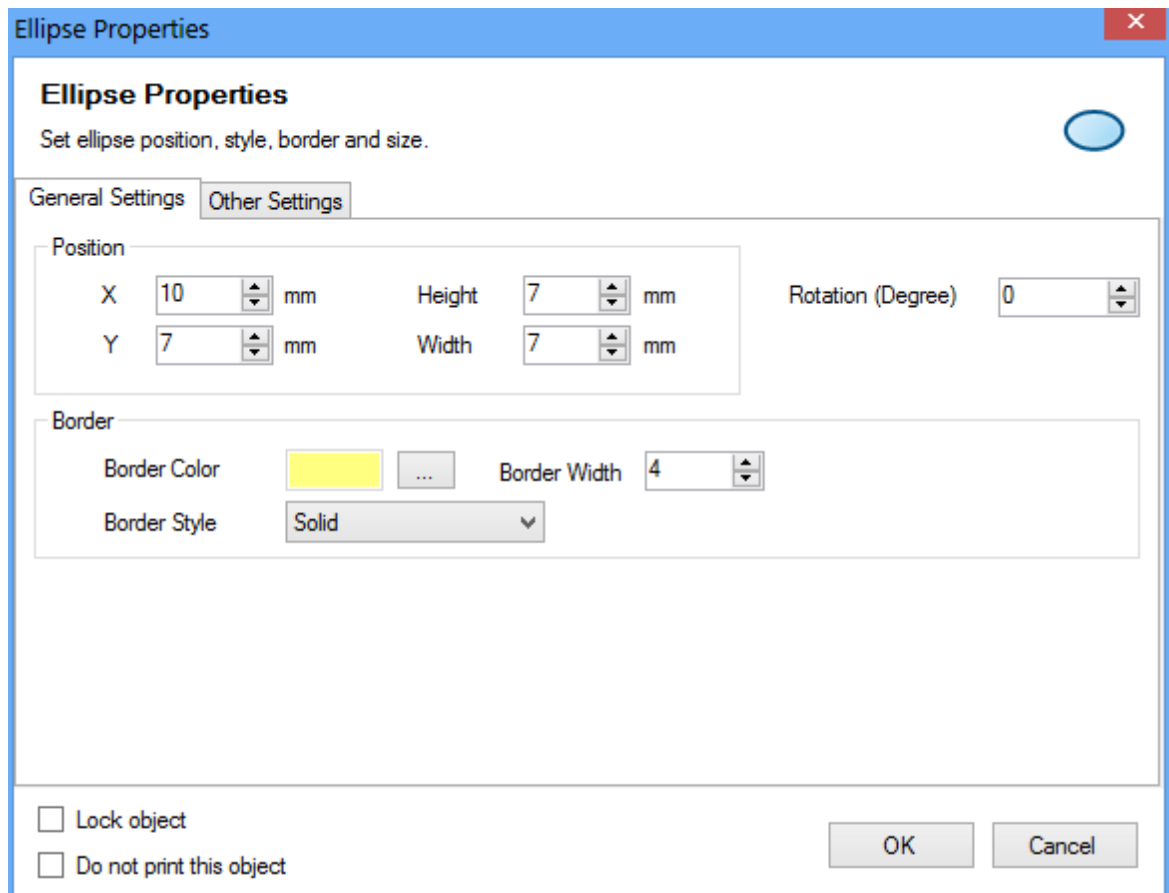
## 6.6 Ellipse

**Add Ellipse object to the label**

- Select Ellipse object  from the toolbar.
- Point the location in the label where you want the Ellipse to be placed. Click the left mouse button and drag the cursor in the label until an Ellipse is created.
- Ellipse appears on the label.

Double-click the Ellipse object created in the label to modify the Ellipse Properties as shown in window below.

**Ellipse Properties**



### Ellipse Properties includes following options

#### Position

- Set the Position where Ellipse to be placed in the label (with respect to X, Y coordinates).
- Set the **Height** and **Width** value of Ellipse.

#### Border

- **Border Color** – Select the Border Color of Ellipse.
- **Border Style** – Select the Border Style of Ellipse.
- **Border Width** – Set the Width of the Ellipse Border.

#### Fill Option

- **None** – Select to not fill color in Ellipse object.
- **Fill Color** – Select the Color to fill Ellipse region.
- **Fill Gradient** – Select the Start and End Color to fill Gradient region.
  - **Angle** – Select the filled Gradient Color Angle
- **Fill Style** – Select the Fill Style to fill Ellipse region.
  - **Pen Color** – Select the Pen Color.
  - **Background Color** – Select the Background Color.
- **Set Transparency** – Set the value of transparency as per your requirement to make

the Ellipse object transparent.

- **Rotation Degree** – Set the Ellipse object rotation degree.


**Lock Object** – Select to Lock the Ellipse object while designing label. (It gives you option to lock the movement of the Ellipse object).

**Do not print this object** – Select to not print Ellipse object while printing designed label.

Click “OK” button to apply the settings.

## 6.7 Triangle

### Add Triangle object to the label

- Select Triangle object  from the toolbar.
- Point the location in the label where you want the Triangle to be placed. Click the left mouse button and drag the cursor in the label until an Triangle is created.
- Triangle appears on the label.

Double-click the Triangle object created in the label to modify the Triangle Properties as shown in window below.

### Triangle Properties

**Triangle Properties**

Set triangle position, style, border and size.

General Settings | Other Settings

**Size**

X: 59 mm      Height: 8 mm  
Y: 15 mm      Width: 7 mm

**Border**

Border Color: [Black] ...  
Border Style: Solid  
Border Width: 1

Rotation (Degree): 0

Lock object  
 Do not print this object

OK Cancel

**Triangle Properties includes following options:**

### Size

- Set the Size where Triangle to be placed in the label (with respect to X, Y co-ordinates).
- Set the **Height** and **Width** value of Star.

### Border

- **Border Color** – Select the Border Color of Triangle.
- **Border Style** – Select the Border Style of Triangle.
- **Border Width** – Set the Width of the Triangle Border.

### Fill Option

- **None** – Select to not fill color in Triangle object.
- **Fill Color** – Select the Color to fill Triangle region.
- **Fill Gradient** – Select the Start and End Color to fill Gradient region.
  - **Angle** – Select the filled Gradient Color Angle.
- **Fill Style** – Select the Fill Style to fill Triangle region.
  - **Pen Color** – Select the Pen Color.
  - **Background Color** – Select the Background Color.
- **Set Transparency** – Set the value of transparency as per your requirement to make

the Triangle object transparent.

- **Rotation Degree** – Set the Triangle object rotation degree.


**Lock Object** – Select to Lock the Triangle object while designing label. (It gives you option to lock the movement of the Triangle object).

**Do not print this object** – Select to not print Triangle object while printing designed label.

Click “**OK**” button to apply the settings.

## 6.8 Arc

### Add Arc object to the label

- Select Arc object  from the toolbar.
- Point the location in the label where you want the Arc to be placed. Click the left mouse button and drag the cursor until space for the Arc is created in the label.

Double-click the Arc created in the label to modify the Arc Properties, as shown in window below.

### Arc Properties

**Arc Properties**  
Set arc position, style, border and size.

General Settings | Other Settings

Position

X 28 mm      Height 7 mm      Rotation (Degree) 0  
Y 4 mm      Width 7 mm

Border

Border Color [Black]      Border Width 1  
Border Style Solid

Arc Properties

Start Angle 0  
Sweep Angle 90

Lock object  
 Do not print this object

OK      Cancel

### Arc Properties includes following options:

#### Position

- Set the Position where Arc to be placed in the label (with respect to X, Y co-ordinates).
- Set the **Height** and **Width** value of Arc.

#### Arc Properties

- **Start Angle** – Set the Arc Start Angle.
- **Sweep Angle** – Set the Arc Sweep Angle.

#### Border

- **Border Color** – Select the Border Color of Arc.
- **Border Width** – Set the Width of the Arc Border.
- **Border Style** – Select the Border Style of Arc.

#### Fill Option

- **None** – Select to not fill color in Arc object
- **Fill Color** – Select the Color to fill Arc region.
- **Fill Gradient** – Select the Start and End Color to fill Gradient region.
  - **Angle** – Select the filled Gradient Color Angle.
- **Fill Style** – Select the Fill Style to fill Arc region.

- **Pen Color** – Select the Pen Color.
- **Background Color** – Select the Background Color.
- **Set Transparency** – Set the value of transparency as per your requirement to make the Arc object transparent.
- **Rotation Degree** – Set the Arc object rotation degree.


**Lock Object** – Select to Lock the Arc object while designing label (It gives you option to lock the movement of the Arc object).

**Do not print this object** – Select to not print Arc object while printing designed label.

Click “**OK**” button to apply the settings.

## 6.9 Star

### Add Star object to the label

- Select Star object  from the toolbar.
- Point the location in the label where you want the Star to be placed. Click the left mouse button and drag the cursor in the label until an Star is created.
- Star appears on the label.

Double-click the Star object created in the label to modify the Star Properties as shown in window below.

### Star Properties

**Star Properties**

Set star position, style, border and size.

General Settings | Other Settings

**Size**

X: 50 mm      Height: 7 mm  
Y: 16 mm      Width: 11 mm

**Border**

Border Color: [Black]      Border Width: 1  
Border Style: Solid

Rotation (Degree): 0

Lock object  
 Do not print this object

OK      Cancel

**Star Properties includes following options:**

### Size

- Set the Size where Star to be placed in the label (with respect to X, Y co-ordinates).
- Set the **Height** and **Width** value of Star.

### Border

- **Border Color** – Select the Border Color of Star.
- **Border Style** – Select the Border Style of Star.
- **Border Width** – Set the Width of the Star Border.

### Fill Option

- **None** – Select to not fill color in Star object.
- **Fill Color** – Select the Color to fill Star region.
- **Fill Gradient** – Select the Start and End Color to fill Gradient region.
  - **Angle** – Select the filled Gradient Color Angle.
- **Fill Style** – Select the Fill Style to fill Star region.
  - **Pen Color** – Select the Pen Color.
  - **Background Color** – Select the Background Color.
- **Set Transparency** – Set the value of transparency as per your requirement to make the Star object transparent.

- **Rotation Degree** – Set the Star object rotation degree.


**Lock Object** – Select to Lock the Star object while designing label. (It gives you option to lock the movement of the Star object).

**Do not print this object** – Select to not print Star object while printing designed label.

Click “OK” button to apply the settings.

## 6.10 WordArt

**Add WordArt text-styling feature to the label**

- Select WordArt object  from the toolbar.
- Point the location in the label where you want the WordArt to be placed. Click the left mouse button and drag the cursor in the label until WordArt is created.
- WordArt appears on the label.

Double-click the WordArt inserted in the label to modify the wordart properties, as shown in window below.

**WordArt Properties includes following tabs:**

- General Settings
- Font Settings
- Color Settings
- Other Settings

### General Settings

**WordArt Properties**

Set wordart position, style, border and size.

General Settings | Font Settings | Color Settings | Other Settings

Position

X: 1 mm      Height: 9 mm  
Y: 9 mm      Width: 18 mm

Text

ABCD

Preview

ABCD

Lock object  
 Do not print this object

OK      Cancel

**It includes following options:**

**Position**

- Set the Position where text to be placed in the label (with respect to X, Y co-ordinates).
- Set the **Height** and **Width** value of text.

**Text**

- Enter the text in **Text** field.

**Font Settings:**

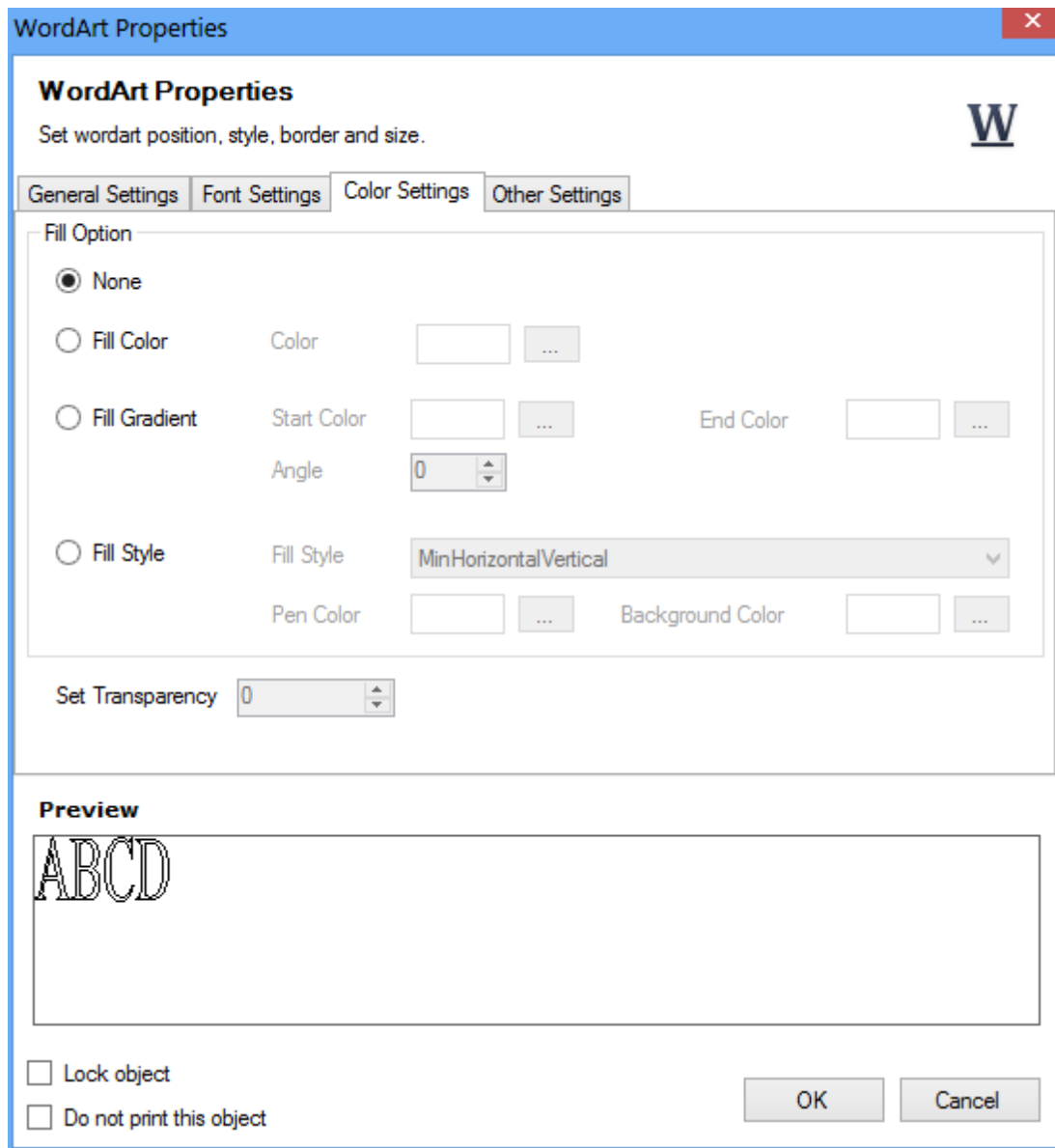


**Select Font** – Select the Font of Text.

**Style** – Select the Style (Regular, Italic, Bold and Bold Italic) of Text.

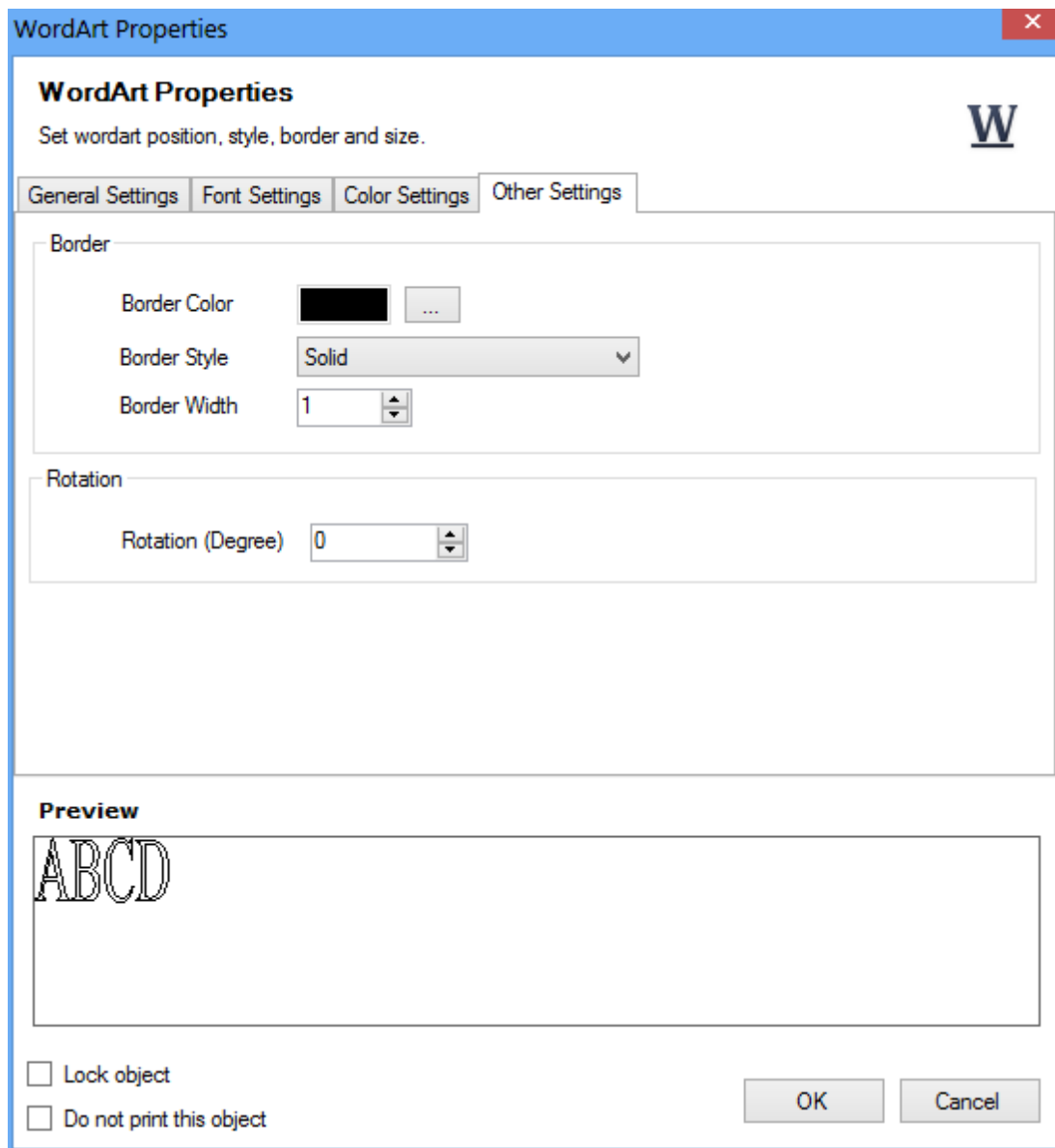
**Attributes** – Select the Text Attributes (Strikeout or Underline).

**Color Settings:**



#### Fill Option

- **None** – Select to not fill color in Text object.
- **Fill Color** – Select the Color to fill Text region.
- **Fill Gradient** – Select the Start and End Color to fill text Gradient region.
- **Angle** – Select the filled Gradient Color Angle.
- **Fill Style** – Select the Fill Style to fill Text region.
  - **Pen Color** – Select the Pen Color.
  - **Background Color** – Select the Background Color.
- **Set Transparency** – Set the value of transparency as per your requirement to make the Text object transparent.

**Other Settings:****Border**

- **Border Color** - Select the Text border color
- **Border Width** - Select the Text border width
- **Border Style** - Select the Text border style

**Rotation**

- **Rotation (Degree)** - Select the Text rotation angle.

**Note**

**Preview** – Software feature to preview created Text using WordArt in preview section.

**Lock Object** – Select to Lock the WordArt object while designing label (It gives you option to lock the movement of the WordArt object).

**Do not print this object** – Select to not print WordArt object while printing designed label.

Click “**OK**” button to apply the settings.

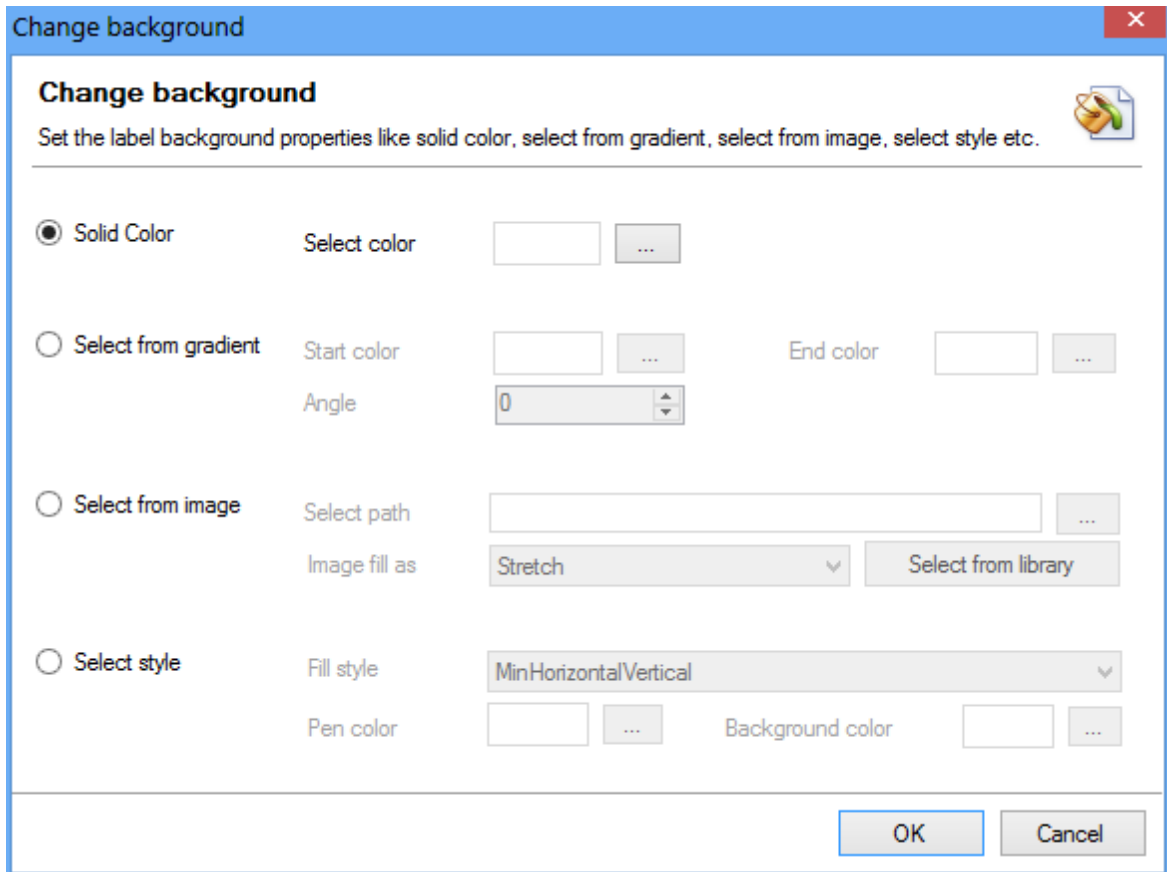


# Select Background



## 7 Select Background

Click to set the label background properties like Solid Color, Select From Gradient, Select From Image, Select Style etc.



Fill Background

### Solid Color

- **Select Color** - Select the Color to fill region.

### Select From Gradient

- Select the Start and End Color to fill label background Gradient region.
- **Angle** - Set the label background gradient region rotation angle.

### Select From Image

- **Select Path** - Click " **Browse**" button to Select Image Path.
- **Image Fill As** - Select image fill style.
- **Select From Library** - Click to select image from library.

### Select Style

- **Fill Style** – Select the Fill Style to fill label background region.

- **Pen Color** – Select the Pen Color.
- **Background Color** – Select the label fill style background color.

Click “**OK**” button to apply the settings.



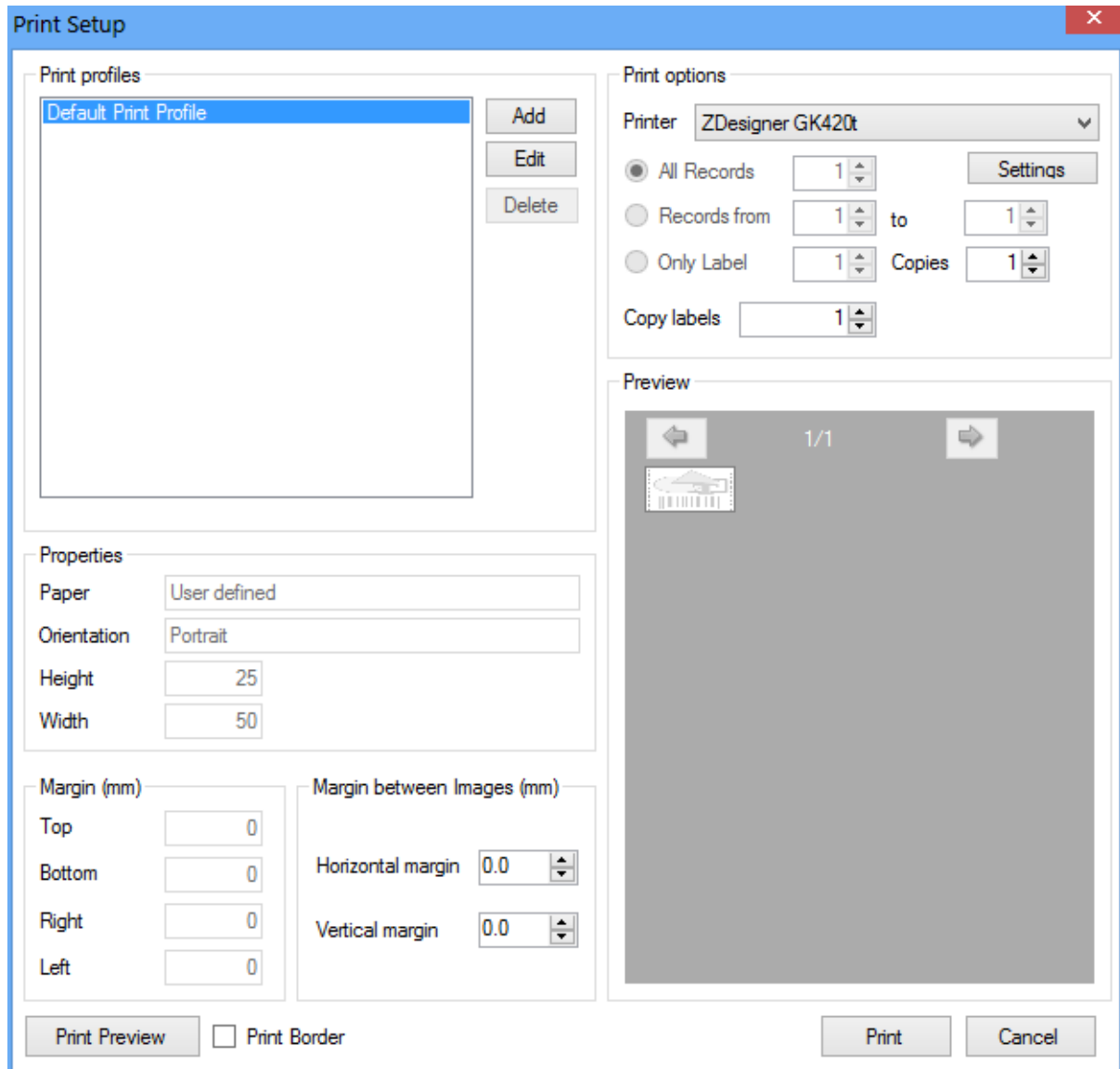
# **Print Designed Labels**



## 8 Print Designed Labels

Create multiple Print Profiles in different formats using print setting properties, while printing designed cards and labels.

On clicking **Print** button the following window appears.



**Print window includes following options.**

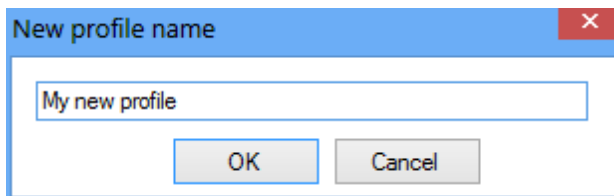
- **Add** – Click to create new print profile.
- **Edit** – Click to edit existing print profile.

- **Delete** – Click to delete created print profile.

**Note** – Default Print Profile cannot be deleted.

## Steps to create New Print Profile

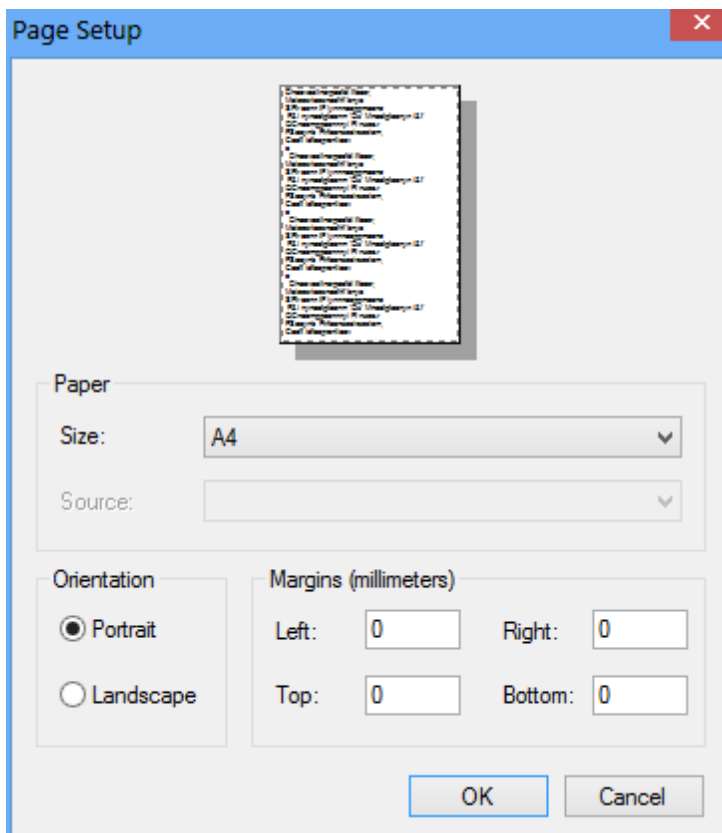
**Step 1:** Click **Add** button, the following window appears.



A dialog box titled "New profile name" with a close button (X) in the top right corner. It contains a text input field with the text "My new profile" and two buttons at the bottom: "OK" and "Cancel".

Enter the **New Profile Name**.

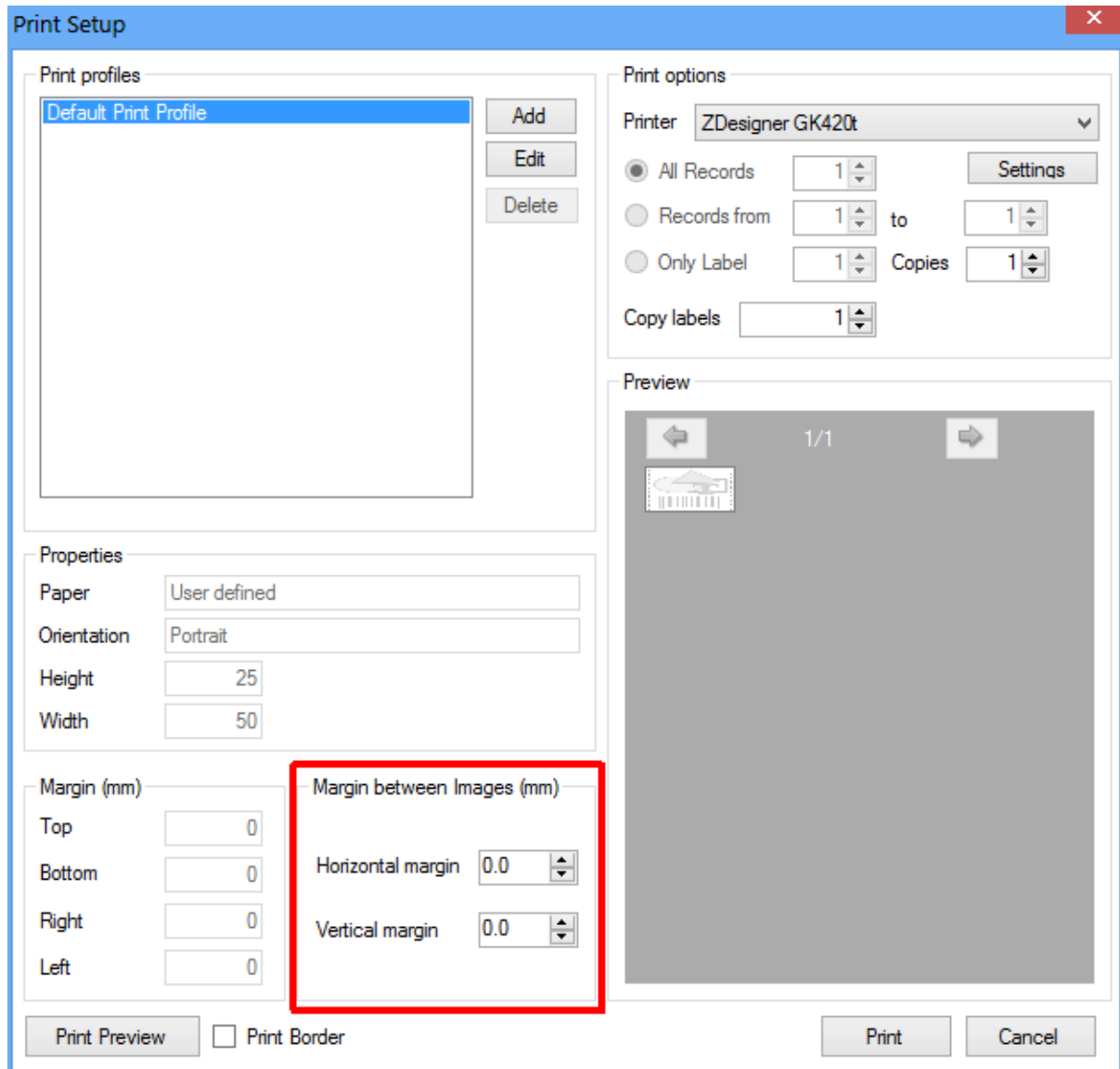
**Step2:** On clicking **OK** button, the following window appears.



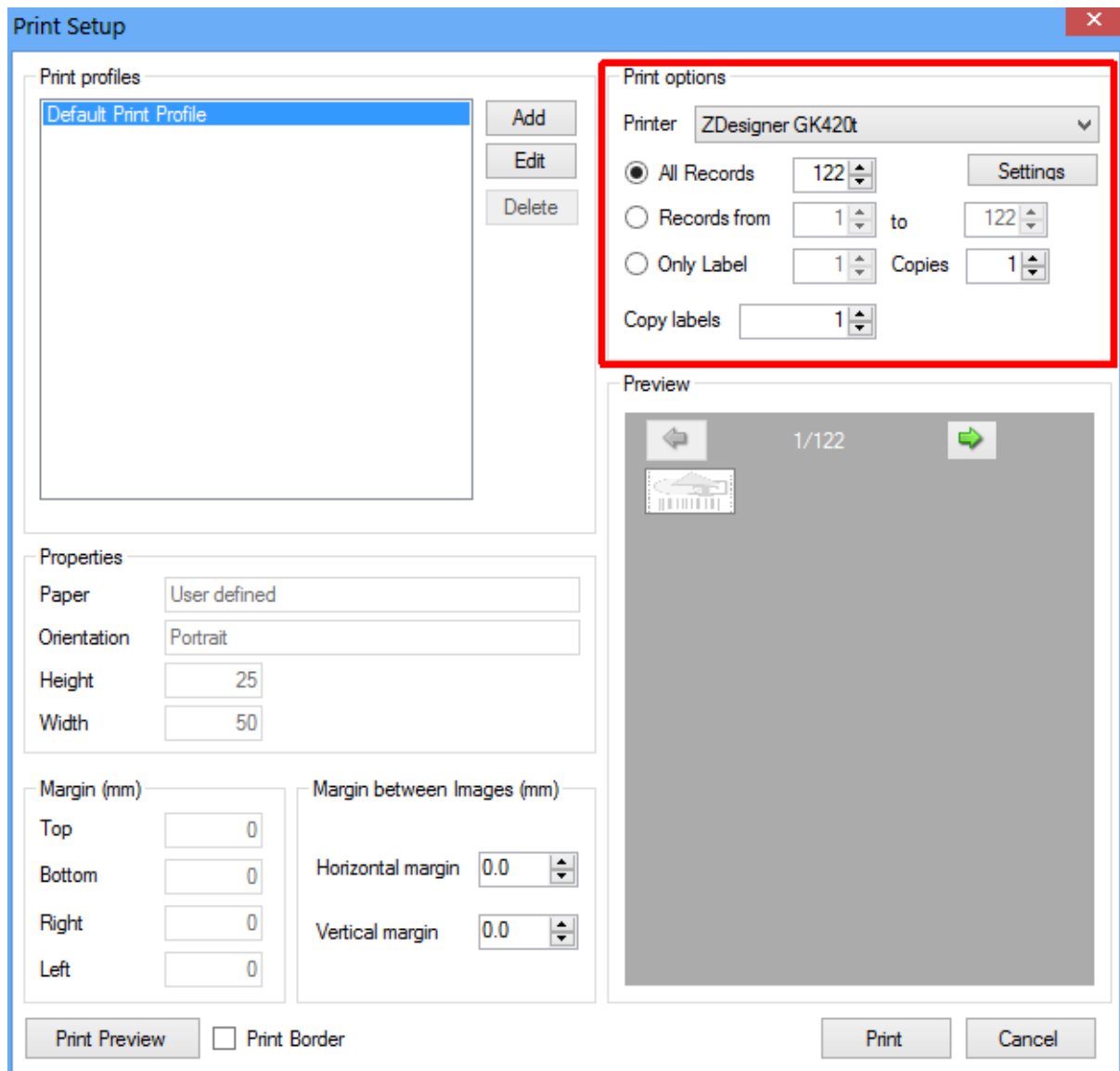
A "Page Setup" dialog box with a close button (X) in the top right corner. It features a preview window at the top showing a document with a grid pattern. Below the preview, there are several sections: "Paper" with "Size" set to "A4" and "Source" as a dropdown; "Orientation" with "Portrait" selected (radio button) and "Landscape" as an option; and "Margins (millimeters)" with input fields for "Left", "Right", "Top", and "Bottom", all set to "0". At the bottom are "OK" and "Cancel" buttons.

Edit the **Page Setup** properties as required and click **OK** button to apply the settings.

Set the **Horizontal margin** and **Vertical margin** between images while printing barcode labels of the selected print profile as shown below.



Set the Print options.



The Print options includes following:

- Select the **Printer**.
- All Records
- Records interval
- Only label
- Enter the number of **Copy labels**.
- Enter the number of **Copies** to print.

**Print Preview** – In Print Preview mode you can see how your profile will look when it prints.

Click "**Print**" button to print the barcode labels using selected print profile.

Select "**Print Border**" option to print border while printing barcode labels.

# Barcode Symbologies




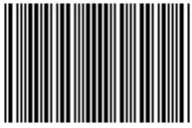


## 9 Barcode Symbolologies



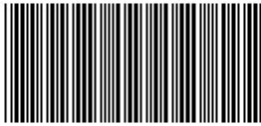



<b>Linear Barcode Symbolologies</b>	<b>2D Barcode Symbolologies</b>
<ul style="list-style-type: none"><li>• Codabar</li><li>• Code 11</li><li>• Code 128</li><li>• Code 128 A</li><li>• Code 128 B</li><li>• Code 128 C</li><li>• Code 39</li><li>• Code 39 Extended</li><li>• Code 93</li><li>• Code 93 Extended</li><li>• EAN-13</li><li>• EAN-8</li><li>• Industrial 2 of 5</li><li>• Interleaved 2 of 5</li><li>• ISBN 13</li><li>• ITF-14</li><li>• LOGMARS</li><li>• MSI Plessey</li><li>• Planet</li><li>• Postnet</li><li>• Standard 2 of 5</li><li>• Telepen</li><li>• UCC/EAN-128</li><li>• UPC-A</li></ul>	<ul style="list-style-type: none"><li>• Aztec</li><li>• Databar</li><li>• Databar Code 128</li><li>• Databar Code 128 A</li><li>• Databar Code 128 B</li><li>• Databar Code 128 C</li><li>• Databar Expanded</li><li>• Databar Limited</li><li>• Databar Stacked</li><li>• Databar Stacked Omnidirectional</li><li>• Databar Truncated</li><li>• Databar EAN-13</li><li>• Databar EAN-8</li><li>• Databar Micro PDF-417</li><li>• Databar PDF-417</li><li>• Databar UPC-A</li><li>• Databar UPC-E</li><li>• DataMatrix</li><li>• MaxiCode</li><li>• PDF-417</li><li>• QR Code</li><li>• MICR</li></ul>

- UPC-E
- USPS Sack Label
- USPS Tray Label






## 9.1 Linear Barcode Symbolologies


The following list describes the Linear Barcode Symbolologies details.

Barcode Symbology	Barcode Image	Character Set	Application Areas
<b>Codabar</b>	<p>Your Product Info</p>  <p>0123456789</p>	<p><b>Numbers:</b> 0-9</p> <p><b>Symbols:</b> - : . \$ / +</p>	Often used in libraries, blood banks, parcels and more.
<b>Code 11</b>	<p>Your Product Info</p>  <p>0123456789</p>	<p><b>Numbers:</b> 0-9</p> <p><b>Symbol:</b> -</p>	Primarily for labeling telecommunications equipment.
<b>Code 128</b>	<p>Your Product Info</p>  <p>ABcd*1234\$</p>	All ASCII Characters	Used in shipping and packaging industries.
<b>Code 128 A</b>	<p>Your Product Info</p>  <p>ABC#1234@</p>	<p><b>Numbers:</b> 0-9</p> <p><b>Uppercase Letters:</b> A-Z</p> <p><b>Space Character</b></p> <p><b>Special Characters:</b> ! @ # \$ % ^ &amp; * ( ) _ + \ = - , . / ; ' [ ] : " &lt; &gt; ?</p>	Used for inventory and tracking purpose.

<b>Code 128 B</b>	<p>Your Product Info</p>  <p>ABC123ef\$</p>	All ASCII Characters	Most likely used in inventory and shipping field.
<b>Code 128 C</b>	<p>Your Product Info</p>  <p>3343436623</p>	Numbers only	Used in shipping, industry and inventory field.
<b>Code 39</b>	<p>Your Product Info</p>  <p>ABCD1234</p>	<b>Numbers:</b> 0-9 <b>Uppercase Letters:</b> A-Z <b>Space Character</b> <b>Special Characters:</b> - . \$ / + %	Used for various labels such as name badges, inventory and industrial applications.
<b>Code 93</b>	<p>Your Product Info</p>  <p>XW+7W09</p>	<b>Numbers:</b> 0-9 <b>Uppercase Letters:</b> A-Z <b>Space Character</b> <b>Special Characters:</b> - . \$ / + %	Primarily used in postal services to encode supplementary delivery information.
<b>Code 39 Extended</b>	<p>Your Product Info</p>  <p>Ab7Xy#2</p>	All ASCII Characters	Widely used in industry.
<b>Code 93 Extended</b>	<p>Your Product Info</p>  <p>\$(Ab)365%b3\$</p>	All ASCII Characters	Primarily used in postal services.

<b>EAN-13</b>	<p>Your Product Info</p>  <p>0 123456 789166</p>	Numbers only	Retail product marking world-wide.
<b>EAN-8</b>	<p>Your Product Info</p>  <p>0123 4565</p>	Numbers only	Retail product marking world-wide with limited label space.
<b>Industrial 2 of 5</b>	<p>Your Product Info</p>  <p>873392329</p>	Numbers only	Used on any computer system.
<b>Interleaved 2 of 5</b>	<p>Your Product Info</p>  <p>028085556784</p>	Numbers only	Widely used in the distribution and shipping industries.
<b>ISBN 13</b>	<p>Your Product Info</p>  <p>0 123456 789012</p>	Numbers only	Used on Books.

<b>ITF-14</b>	<p>Your Product Info</p>  <p>99123407798241</p>	Numbers only	Generally used to mark shipping cartons.
<b>LOGMAR S</b>	<p>Your Product Info</p>  <p>BCD124<sup>o</sup>%12</p>	<b>Numbers:</b> 0-9 <b>Uppercase Letters:</b> A-Z <b>Space Character</b> <b>Special Characters:</b> - . \$ / + %	Used in US government specification.
<b>MSI Plessey</b>	<p>Your Product Info</p>  <p>99077345</p>	Numbers only	Widely used in variety of settings like library shelf tags and merchandising features in retail stores.
<b>Planet</b>	<p>Your Product Info</p>  <p>99077342339</p>	Numbers only	Used to encode ZIP codes on US mail.
<b>Postnet</b>	<p>Your Product Info</p>  <p>78902245</p>	Numbers only	Used to encode ZIP codes on US mail.

<b>Standard 2 of 5</b>	<p>Your Product Info</p>  <p>20041200123</p>	Numbers only	Primarily used for warehousing and airline ticket marking.
<b>Telepen</b>	<p>Your Product Info</p>  <p>XYZ(99)bc\$</p>	All ASCII Characters	Primarily used in Libraries, Motor Industry for many different applications .
<b>UCC/ EAN-128</b>	<p>Your Product Info</p>  <p>\$(2009)Y9M12D</p>	All ASCII Characters	Widely used in industry.
<b>UPC-A</b>	<p>Your Product Info</p>  <p>4 65389 09023 1</p>	Numbers only	Retail industry in the U.S. and Canada.
<b>UPC-E</b>	<p>Your Product Info</p>  <p>0 584677 4</p>	Numbers only	Retail industry in the U.S. and Canada.

<b>USPS Sack Label</b>	<p>Your Product Info</p>  <p>65469394</p>	Numbers only	Used by United States Postal Services.
<b>USPS Tray Label</b>	<p>Your Product Info</p>  <p>3642369232</p>	Numbers only	Used by United States Postal Services.

## 9.2 2D Barcode Symbologies

The following list describes the 2D Barcode Symbologies details:

- Aztec
- Databar
- Databar Code 128
- Databar Code 128 A
- Databar Code 128 B
- Databar Code 128 C
- Databar Expanded
- Databar Limited
- Databar Stacked
- Databar Stacked Omnidirectional
- Databar Truncated
- Databar EAN-13
- Databar EAN-8
- Databar Micro PDF-417
- Databar PDF-417
- Databar UPC-A

- Databar UPC-E
- DataMatrix
- MaxiCode
- PDF-417
- QR Code
- MICR

## Aztec

Your Product Info



Your Product Details

Aztec is a two-dimensional barcode font standard capable of encoding bulk data. The data encoded may include letters, numbers, text and actual bytes of data, including extended characters, Unicode characters and small photos.



### *Message Append*

Message appended across multiple symbols if Number of Symbols is greater than 1.

### *Number of Symbols*

Number of symbols used to invoke message append across symbols.

### *Error Correction Level*

Error correction allows the symbol to endure some damage without causing loss of data.

### *Reader initialization*

Reader initialization adds the reader initialization symbol to the barcode for older scanners, which require it.

### *Bitmap*

Bitmap is the type of image format used to store digital images.

### *Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## Databar



Databar is a two-dimensional barcode font standard used for space-constrained identification and to create coupon barcodes. Used in Grocery, Retail and Healthcare, where items are too small, or additional information needs to be encoded such as product weight, expiry dates or serial numbers.



#### *Composite Data*

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

#### *Bitmap*

Bitmap is the type of image format used to store digital images.

#### *Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## **Databar Code 128**



Databar Code 128 is a two-dimensional barcode font standard capable of encoding large amount of data in a relatively small amount of space.



#### *Composite Data*

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

#### *Bitmap*

Bitmap is the type of image format used to store digital images.

#### *Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## Databar Code 128 A



Databar Code 128 A is a two-dimensional barcode font standard and has been widely implemented in many applications including for inventory and tracking purpose.



### *Composite Data*

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

### *Bitmap*

Bitmap is the type of image format used to store digital images.

### *Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## Databar Code 128 B



Databar Code 128 B is a two-dimensional barcode font standard and has been widely implemented in many applications most likely used in inventory and shipping field.



### *Composite Data*

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

**Bitmap**

Bitmap is the type of image format used to store digital images.

**Resolution Independent Metafile**

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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**Databar Code 128 C**

Databar Code 128 C is a two-dimensional barcode font standard and has been widely implemented in many applications including in shipping, industry and inventory field.

**Composite Data**

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

**Bitmap**

Bitmap is the type of image format used to store digital images.

**Resolution Independent Metafile**

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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**Databar Expanded**

DataBar Expanded is a two-dimensional barcode font standard capable of encoding the 14 digit and additional data including expiration dates, the country of origin and serial numbers - up to

74 numeric or 41 alphabetic characters.



*Composite Data*

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

*Expanded Stacked Segments*

Expanded Stacked Segments is the number of segments chosen may produce 2 or more rows.

*Bitmap*

Bitmap is the type of image format used to store digital images.

*Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## Databar Limited

Your Product Info



(01)00123456789012

Your Product Details

DataBar Limited is a two-dimensional barcode font standard which has the same data characteristics as the DataBar barcode, except that it may only include values up to 4 trillion. This symbology is specifically designed to be read by handheld laser scanners.



*Composite Data*

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

*Bitmap*

Bitmap is the type of image format used to store digital images.

*Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## Databar Stacked



DataBar Stacked is a two-dimensional barcode font standard and has the exact same data characteristics as DataBar. The data to encode is split in half and encoded as a split level barcode. The height of the top row of the DataBar Stacked barcode is 5 times the X dimension and the height of the bottom row is 7 times the X dimension.



#### *Composite Data*

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

#### *Bitmap*

Bitmap is the type of image format used to store digital images.

#### *Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## **DataBar Stacked Omnidirectional**



DataBar Stacked Omni is a two-dimensional barcode font standard and has the exact same data characteristics as in DataBar. Font is designed to condense the GTIN information into a more compact and square barcode suitable for use on smaller packages.



#### *Composite Data*

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

#### *Bitmap*

Bitmap is the type of image format used to store digital images.

#### *Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## Databar Truncated



DataBar Truncated is a two-dimensional barcode font standard that supports same data characteristics as the Data Bar barcode, except the bar height is set to the minimum height of 13 times the X dimension. DataBar Font Package contains a 13x font specifically for this purpose.



### *Composite Data*

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

### *Bitmap*

Bitmap is the type of image format used to store digital images.

### *Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## Databar EAN-13



Databar EAN 13 is a two-dimensional barcode font standard capable of encoding numbers only and has been widely implemented in many applications including Retail product marking world-wide.



### *Composite Data*

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

*Bitmap*

Bitmap is the type of image format used to store digital images.

*Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## Databar EAN-8



Databar EAN 8 is a two-dimensional barcode font standard capable of encoding numbers only and has been widely used in application including Retail product marking world-wide with limited label space.

*Composite Data*

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

*Bitmap*

Bitmap is the type of image format used to store digital images.

*Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## Databar Micro PDF-417



Databar MicroPDF417 is a two-dimensional barcode font standard derived from PDF417 that encodes up to 150 bytes. Micro-PDF417 is designed for applications requiring improved area efficiency, and is used for Composite Codes in DataBar.

**Composite Data**

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

**PDF Columns**

Number of Columns in the PDF barcode.

**PDF Rows**

Number of Rows in the PDF barcode.

**PDF X to Y Ratio**

Ratio of width to height of modules in PDF barcode.

**PDF EC Level**

An error-correction mechanism is built in each symbol so that the symbol can still be decoded even if it is damaged in PDF barcode.

**PDF Mode**

Mode used to encode data in the PDF barcode.

**Truncated PDF417**

A truncated PDF417 symbol uses less area than the normal PDF417 barcode. By selecting this option, the right hand side of the symbol is removed or truncated. This option should be used primarily in a clean environment, since it is more susceptible to damage.

**Bitmap**

Bitmap is the type of image format used to store digital images.

**Resolution Independent Metafile**

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## Databar PDF-417

Your Product Info



Your Product Details

Databar PDF417 is a two-dimensional barcode font standard capable of encoding text, numbers, files and data bytes.

**Composite Data**

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

**PDF Columns**

Number of Columns in the PDF barcode.

*PDF Rows*

Number of Rows in the PDF barcode.

*PDF X to Y Ratio*

Ratio of width to height of modules in PDF barcode.

*PDF EC Level*

An error-correction mechanism is built in each symbol so that the symbol can still be decoded even if it is damaged in PDF barcode.

*PDF Mode*

Mode used to encode data in the PDF barcode.

*Truncated PDF417*

A truncated PDF417 symbol uses less area than the normal PDF417 barcode. By selecting this option, the right hand side of the symbol is removed or truncated. This option should be used primarily in a clean environment, since it is more susceptible to damage.

*Bitmap*

Bitmap is the type of image format used to store digital images.

*Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## Databar UPC-A



Databar UPCA is a two-dimensional barcode font standard capable of encoding numbers only and highly used in application including Retail industry in the U.S. and Canada.

*Composite Data*

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

*Bitmap*

Bitmap is the type of image format used to store digital images.

*Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## Databar UPC-E

Your Product Info



Your Product Details

Databar UPCE is a two-dimensional barcode font standard capable of encoding numbers only and has been widely used in application including Retail industry in the U.S. and Canada.



### *Composite Data*

Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

### *Bitmap*

Bitmap is the type of image format used to store digital images.

### *Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## DataMatrix

Your Product Info



Your Product Details

DataMatrix is a two-dimensional barcode font standard that can encode text, numbers, files and actual bytes of data. Best choice when faxing documents with barcodes because the symbol can withstand poor resolution and scanning issues.



### *Encoding Mode*

Encoding Mode is mode of compaction to encode data in the symbol.

### *Preferred Format*

Preferred Format determines the smallest size of the symbol.

*Bitmap*

Bitmap is the type of image format used to store digital images.

*Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## MaxiCode



Maxicode is a two-dimensional barcode font standard that is currently used by UPS on shipping labels for world-wide addressing and package sortation. MaxiCode symbols are fixed in size and are made up of offset rows of hexagonal modules arranged around a unique finder pattern. MaxiCode includes error correction, which enables the symbol to be decoded when it is slightly damaged.



*Encoding Mode:*

Encoding Mode is mode of compaction to encode data in the symbol.

*Country Code:*

Country Code is alphabetic or numeric geographical codes developed to represent countries and dependent areas used in data processing and communications.

*Service Class:*

Service Class is a code assigned by the carrier.

*Zip Code:*

Zip Code is code of letters that identifies the individual post office or metropolitan area delivery station associated with an address.

*Bitmap*

Bitmap is the type of image format used to store digital images.

*Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## PDF-417



PDF417 is a two-dimensional barcode font standard used to pack the greatest amount of data in the smallest space. Up to about 850 characters can be dependably encoded and read with the PDF417 barcode symbology.



### *PDF Columns*

Number of Columns in the PDF barcode.

### *PDF Rows*

Number of Rows in the PDF barcode.

### *PDF X to Y Ratio*

Ratio of width to height of modules in PDF barcode.

### *PDF EC Level*

An error-correction mechanism is built in each symbol so that the symbol can still be decoded even if it is damaged in PDF barcode.

### *PDF Mode*

Mode used to encode data in the PDF barcode.

### *Truncated PDF*

A truncated PDF symbol uses less area than the normal PDF417 barcode. By selecting this option, the right hand side of the symbol is removed or truncated. This option should be used primarily in a clean environment, since it is more susceptible to damage.

### *MacroPDF Enable*

A boolean indicating that the barcode is part of a MacroPDF417 sequence.

### *MacroPDF File ID*

Macro PDF File ID is a file ID to the MacroPDF barcode.

### *MacroPDF Segment Index*

Macro PDF Segment Index is unique segment index to the MacroPDF barcode.

### *MacroPDF Last Segment*

Macro PDF Last Segment is a boolean indicating the final barcode in the MacroPDF sequence.

### *Bitmap*

Bitmap is the type of image format used to store digital images.

### *Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## QR Code

Your Product Info



Your Product Details

QR-Code is a two-dimensional barcode font standard that uses a small area of square modules with a unique perimeter pattern. The data encoded in a QR Code may include letters, text, numbers, double-byte characters, URLs and files.



### *Encoding Mode*

Encoding Mode is mode of compaction to encode data in the symbol.

### *Version*

Version is configuration or number of modules (combination of black and white dots).

### *Error Correction Level*

An error-correction mechanism is built in each symbol so that the symbol can still be decoded even if it is damaged.

### *Bitmap*

Bitmap is the type of image format used to store digital images.

### *Resolution Independent Metafile*

Resolution Independent Metafile is a high resolution image file format to save the barcode label.

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## MICR

1 2 3 4 5 6 7 8 9 0 1 2

MICR is a two-dimensional barcode font standard used to print of MICR fonts for bank checks and paper based drafting. Magnetic Ink Character Recognition, or MICR, is a character recognition technology used primarily by the banking industry to facilitate the processing of cheques.



### *Print Intensity*

Print Intensity is intensity or darkness of the character. (There are 3 values that range from darkest to lightest and they are Maximum, Nominal and Minimum)

### *Character Spacing*

Character Spacing is spacing between the characters.

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# Glossary



## 10 Glossary

**Bar Height** – Bar Height is the vertical height of the bars in barcode label.

**Bearer Bar** – Bearer bar are the horizontal and vertical lines which are printed in contact with the top and bottom of the barcode.

**Bitmap** – Bitmap is the type of image format used to store digital images.

**Density** – Density is the width between barcode bars.

**Copy labels** – Copy labels define the number of labels to print.

**Character Grouping** – Character Grouping allows to group barcode values in specific sets.

**Checksum** – Checksum is a value used to check the integrity of barcode value.

**Data Set Series** – Data Set Series feature allows to generate the multiple copies of labels with different barcode and text value in label designing process.

**DPI** – DPI (Dots Per Inch) specifies the resolution of output devices such as scanner and printer.

**Image DPI** – Image DPI determines resolution the image is drawn to, which creates a more accurate barcode.

**Orientation** – Orientation is the position or alignment of object relative to some specific directions.

**Print Profiles** – Print Profiles has the specific page properties (Page Size and Page Margin) to print the labels.

**Resolution Independent Metafile** – Resolution Independent Metafile is a high resolution image file format to save the barcode label.

**Message Append** - Message appended across multiple symbols if number of symbols is greater than 1.

**Number Of Symbols** - Number of symbols used to invoke message append across symbols.

**Reader Initialization** - Reader initialization adds the reader initialization symbol to the barcode for older scanners, which require it.

**Composite Data** - Composite Data value is a special 2D Composite Component symbol printed above the linear barcode.

**Encoding Mode** - Encoding Mode is mode of compaction to encode data in the symbol.

**Preferred Format** - Preferred Format determines the smallest size of the symbol.

**Country Code** - Country Code is alphabetic or numeric geographical codes developed to represent countries and dependent areas used in data processing and communications.

**Service Class** - Service Class is a code assigned by the carrier.

**Zip Code** - Zip code is code of letters that identifies the individual post office or metropolitan area delivery station associated with an address.

**Version** - Version is configuration or number of modules (combination of black and white dots).

**Error Correction Level** - An error-correction mechanism is built in each symbol so that the symbol can still be decoded even if it is damaged.

**Print Intensity** - Print Intensity is intensity or darkness of the character.

**Character Spacing** - Character Spacing is spacing between the characters.

**PDF Columns** - Number of Columns in the PDF barcode.

**PDF Rows** - Number of Rows in the PDF barcode.

**PDF X to Y Ratio** - Ratio of width to height of modules in PDF barcode.

**PDF EC Level** - An error-correction mechanism is built in each symbol so that the symbol can still be decoded even if it is damaged in PDF barcode.

**PDF Mode** - Mode used to encode data in the PDF barcode.

**Truncated PDF417** - A truncated PDF417 symbol uses less area than the normal PDF417 barcode. By selecting this option, the right hand side of the symbol is removed or truncated. This option should be used primarily in a clean environment, since it is more susceptible to damage.

**MacroPDF Enable** - A boolean indicating that the barcode is part of a MacroPDF417 sequence.

**MacroPDF File ID** - Macro PDF File ID is a file ID to the MacroPDF barcode.  
(Each barcode in the MacroPDF sequence must have the same file ID assigned to it)

**MacroPDF Segment Index** - MacroPDF Segment Index is unique segment index to the MacroPDF barcode.  
(The index number of this MacroPDF barcode in relation to the set. Each barcode in the MacroPDF sequence must have a unique segment index, starting at zero and incrementing thereafter by 1)

**Macro PDF Last Segment** - Macro PDF Last Segment is a boolean indicating the final barcode in the MacroPDF sequence.

**Expanded Stacked Segments** - Expanded Stacked Segments is the number of segments chosen may produce 2 or more rows in Databar Expanded Font.

