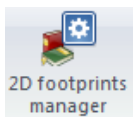


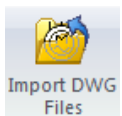
elecworks™ Tips & Tricks

Importing a DWG Footprint and Assigning Intelligence

In order that you don't have to create a 2D drawing yourself, please download *ATV312HU75N4_EW.DWG* from www.traceparts.com.



Select **2D footprints manager** from the *Library* ribbon tab



Select **Import DWG Files** *Import DWG files*

Select

Browse to the EW TRAINING directory on your desktop to the 2D footprint

Highlight the file and select

Select

Select

When importing multiple footprints, you can change the classification of several drawings at once by using *SHIFT & CTRL*. For a footprint it is not as important as a part or a schematic symbol that the correct classification is defined BUT it is easier to locate!

Change the classification of the symbol to be *Drives*

Select

Select

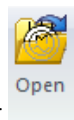
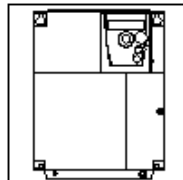
If the imported DWG has attributes, you can map the AutoCAD attributes to **elecworks™** attributes

Select

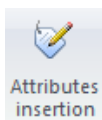
Select *Do not save* (as we have not mapped any attributes)

Select 

The new footprint will now be shown in the 2D footprints manager



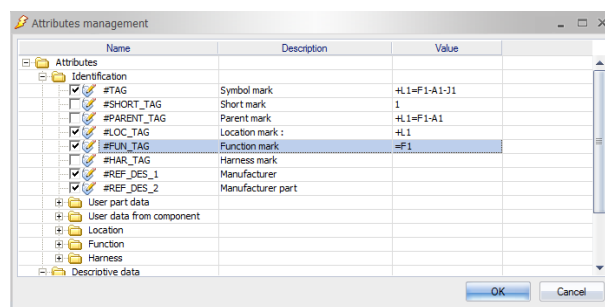
Left click on the image and select *Open*



Select *Attributes insertion*

Select the attributes as shown (ignore the values)

The minimum information that a 2D footprint requires is the component tag but it at your discretion whether further information would be useful in being shown in the layout drawings



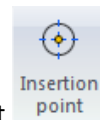
Select 

Change the text to be *Middle Centre*, text height 5mm and spacing 7.5mm as shown

Name	Value
Justification :	Middle Center
Style :	TAHOMA_STANDARD
Height :	5
Rotate :	0
Color :	<input type="checkbox"/> By Layer
Layer	0
<input type="text" value=" "/>	
Spacing	
<input type="text" value="7.5"/>	

Select 

Position the attribute in the centre of the footprint or at your desired position



If you wish to change the Insertion point of the symbol, select *Insertion point*

The insertion point of the symbol will generally be the origin point shown by the X-Y green axis.

Close the drawing to save the changes

This 2D footprint can be associated with the part information that we have just created previously. Edit the properties of the part name and define the following:

2D footprint: ATV312HU75N4_EW_FRONT

Illustration	
Line diagram:	EW_SY_MotorDrive
Scheme:	VSD
3D part:	
2D footprint:	atv312hu75n4_ew_front
Connection label:	
Printed circuit board file:	

Select  to save the changes