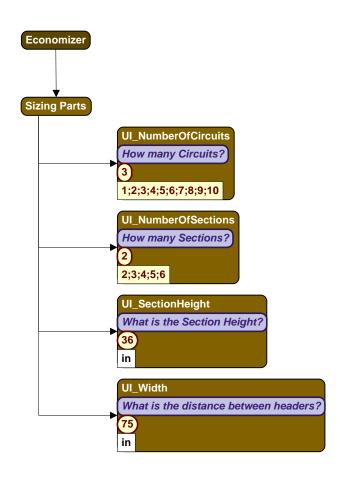


Economizer w Assy

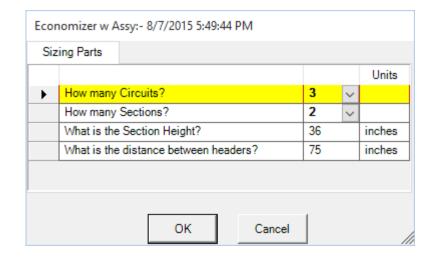
Created with Genus Designer for SolidWorks

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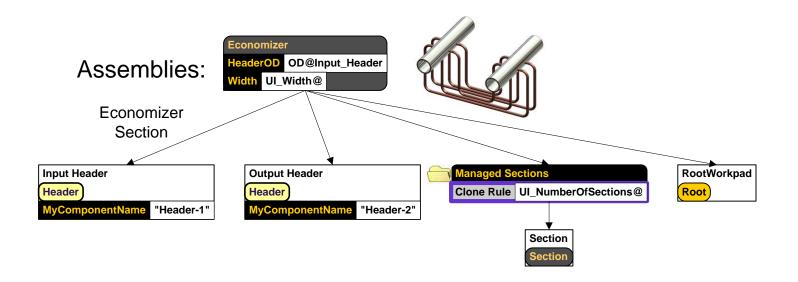
Inputs:

NumberOfCircuits NumberOfSections Section Height Width

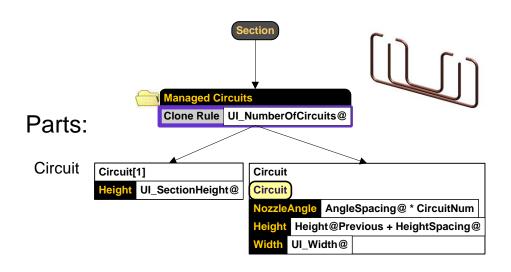




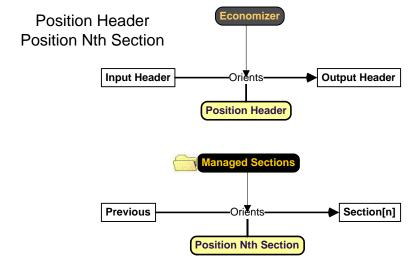
Interfaces can be created directly from Designer. Custom interfaces are supported through a standard Plugin architecture.



The engineering model is created "top down" via a drag and drop visual interface. It, in turn, creates the CAD model "bottom up" without the need for in-context references.



Orientations:

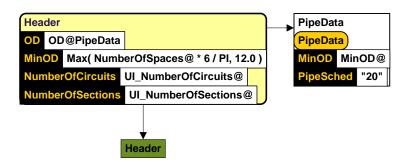


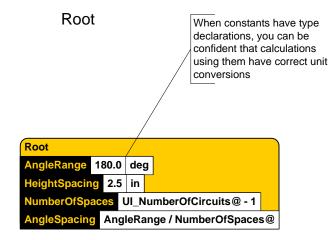


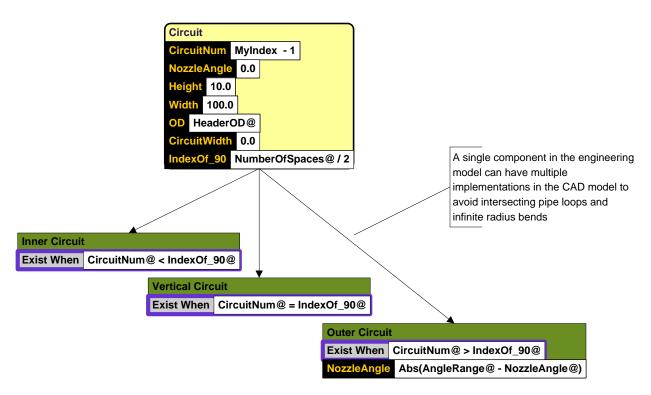
Part Definitions:

Workpad Definition:

Header Circuit

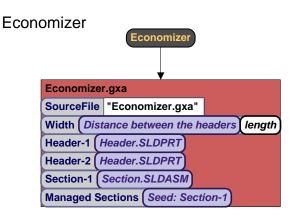




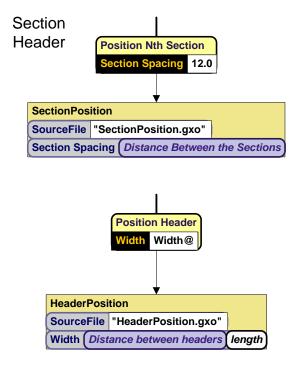




Assembly Assets:



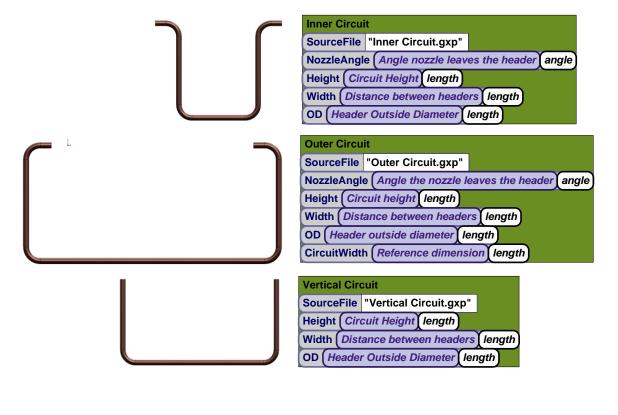
Orientation Assets:



Part Assets:

Inner Circuit
Outer Circuit
Vertical Circuit
Header

Assets define the interface between model assemblies, parts and features and their CAD implementations



SourceFile "Header.gxp"

OD (Header Outer Diameter length)

NumberOfCircuits | Number of Circuits

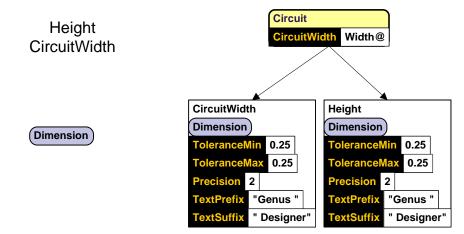
NumberOfSections (Number of Sections)

quantity

quantity



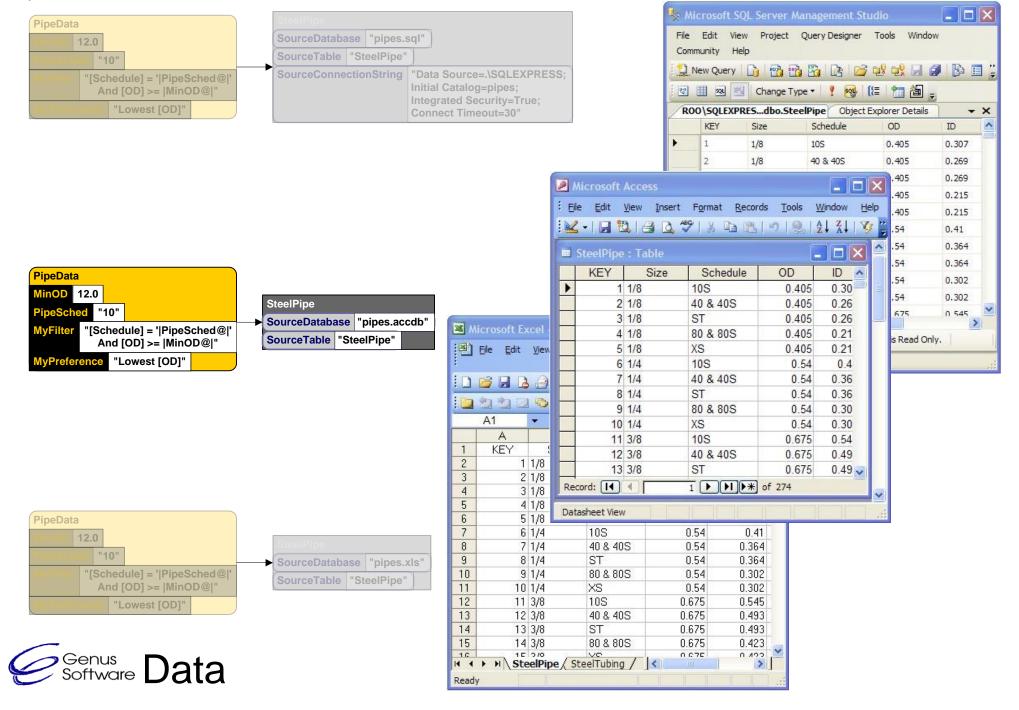
Tolerances:

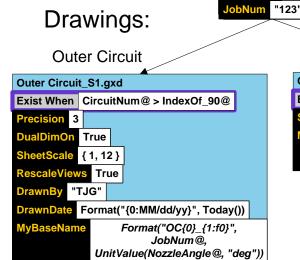




Data Definitions:

Pipe Data



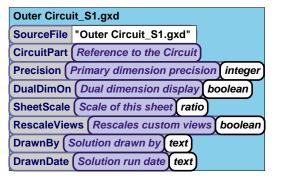


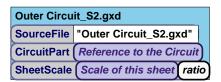
Circuit

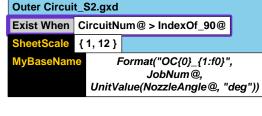
MySelf

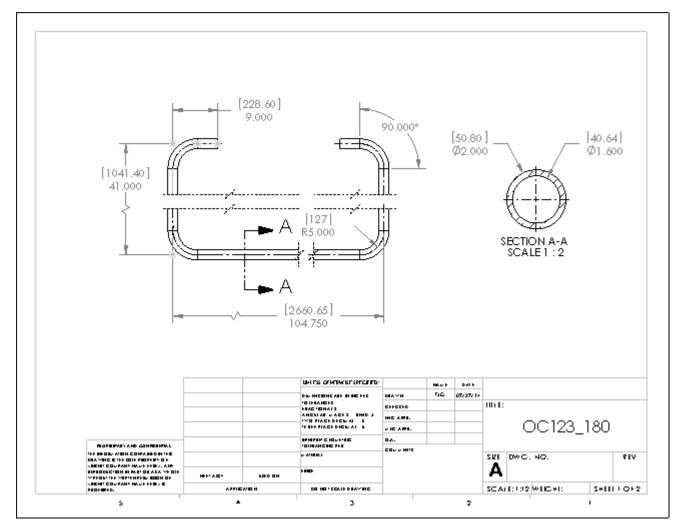
Assets:

Outer Circuit Drawing











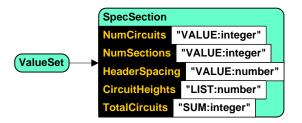
Reports:

CustomerSpec

Report Classes:

CustomerSpecReport (Report) SpecSection (ValueSet)





DataCollection Class:

SpecReportData

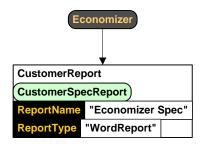
SpecReportData

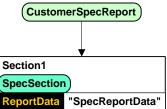


Reports can write to Microsoft Word, Excel, databses and XML. The report can be extended using plugins to write to other formats.

Report Instances:

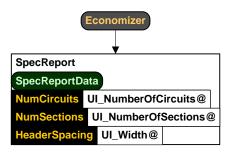
CustomerReport Section1

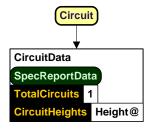




Data Collection:

SpecReportData







Economizer Specification

Customer Date/Time Report Number

2/12/2013 10:12 AM

General Information

Number of Circuits
Number of Sections
Header Spacing
Circuit Heights
Total Circuit Count

3
3
3
75.0
in
36, 38.5, 41, 36, 38.5, 41, 36, 38.5, 41, 6