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# TDK Component Library for Keysight Genesys

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**Passive Application Center**

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## < Applicable condition >

The data in this library is obtained under the condition of 25°C, no DC bias, and small signal operation. Proper result might not be obtained if your condition is different from the above one.

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## < Unzip the install file >

- 1) Save the zip-formatted install file (e.g. tdk\_library\_for\_genesys\_v201507.zip) at an arbitrary directory.
- 2) Unzip the install file.

## < Copy the model files >

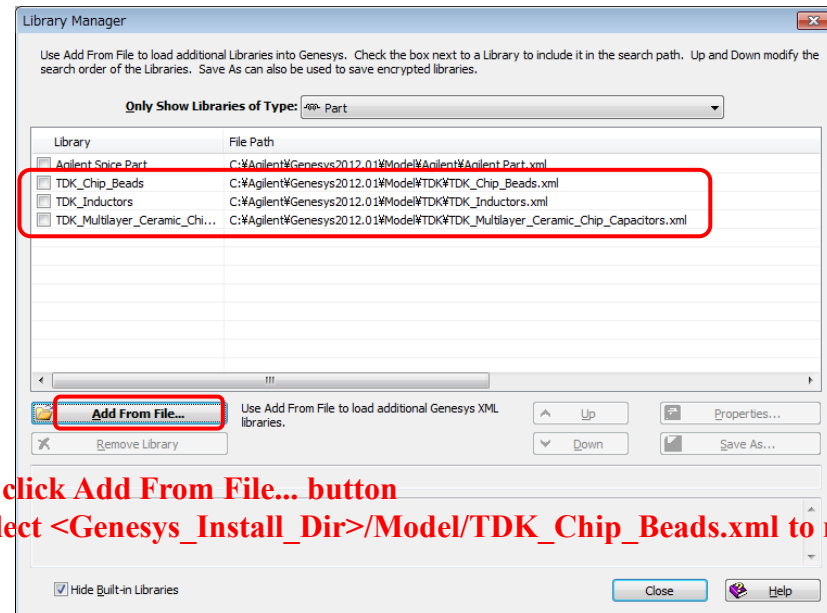
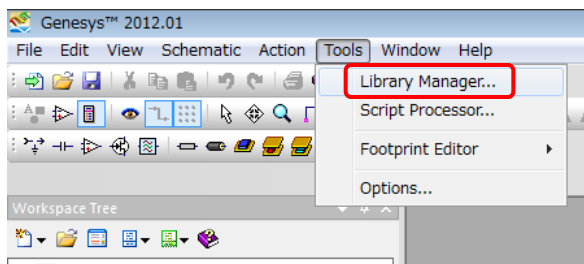
- 1) After extracting the zip file, “Model” and “Sdata” folder will appear. Copy the “TDK” folder in the extracted “Model” folder to the other “Model” folder in the Genesys install directory.
- 2) Copy the “TDK” folder in the extracted “Sdata” folder to the other “Sdata” folder in the Genesys install directory.



## < Registration of the library >

- 1) Start the Genesys and select Library Manager... from the Tools menu.
- 2) Click Add from file... button in the Library Manager window, then Open Library window will open. Select the “TDK\_Chip\_Beads.xml” in the Model folder of the Genesys install directory. Then, TDK\_Chip\_Beads.xml will appear in the Library Manager window.
- 3) Register the “TDK\_inductors” and “TDK\_Multilayer\_Ceramic\_Chip\_Capacitors”, too.

### 1) Tools>Library Manager...



2) click Add From File... button  
select <Genesys\_Install\_Dir>/Model/TDK\_Chip\_Beads.xml to register

3) register TDK\_Inductors.xml, and  
TDK\_Multilayer\_Ceramic\_Chip\_Capacitors.xml, too.

## < Placing a model >

- 1) Select TDK\_Chip\_Beads, TDK\_Inductors, or TDK\_Multilayer\_Ceramic\_Chip\_Capacitors from Current Library in Patrs Selector A, then a model list will appear.
- 2) Click a model to be used in the list, and click again at the schematic window to place the model.

