

Murata Components Library for AWR Microwave Office® Install Manual

1. Introduction

This manual describes how to install and use Murata Components Library for AWR Microwave Office®. Although operating the Library in accordance with this manual can basically perform the required operations, some operations may differ partially depending on the environment used. This manual is described based on the following environment. See the manuals for the PC, etc. used in the actual environment.

<Environment used in this manual>

Platform : PC
OS : Windows2000
Microwave Office® : Version6.53

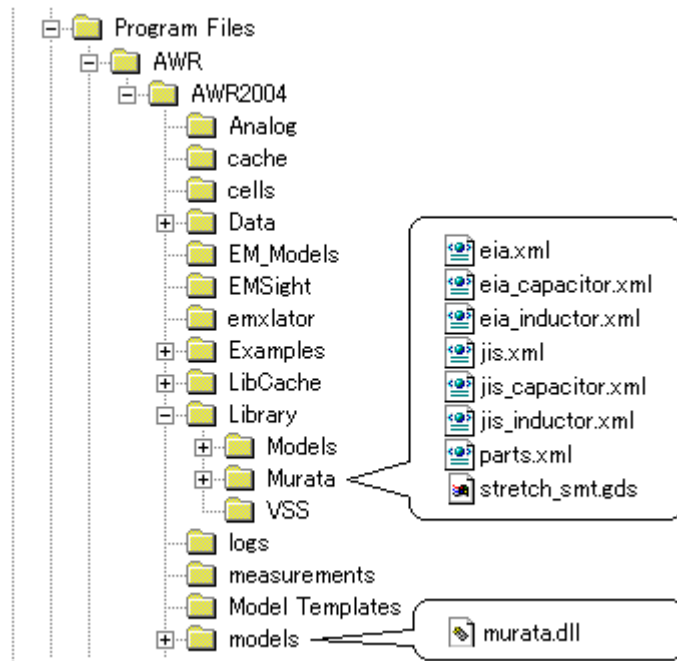
2. Download Murata Library

Download Murata library from the following URL

<http://www.murata.com/designlib/awr/index.html>

3. Installing Murata Library

- Unzip the downloaded file.
 - Move the unzipped files into "Microwave Office folder" as following.
(If the previous version is already installed, overwrite the files.)
Library/Murata folder -> under "Microwave Office folder"/Library
Models\murata.dll file -> under "Microwave Office folder"/models
- *Usually, C:/Program Files/AWR/AWR2004.



- Open Lib.xml in "Microwave Office folder"/Library using a text editor such as NotePad and add the line shown in the figure below. Save this file and close the text editor, then restart Microwave Office® if it is already running.

```
<?xml version="1.0"?>
<XML_COMPONENT_DATA xmlns="x-schema:libSchema.xml">

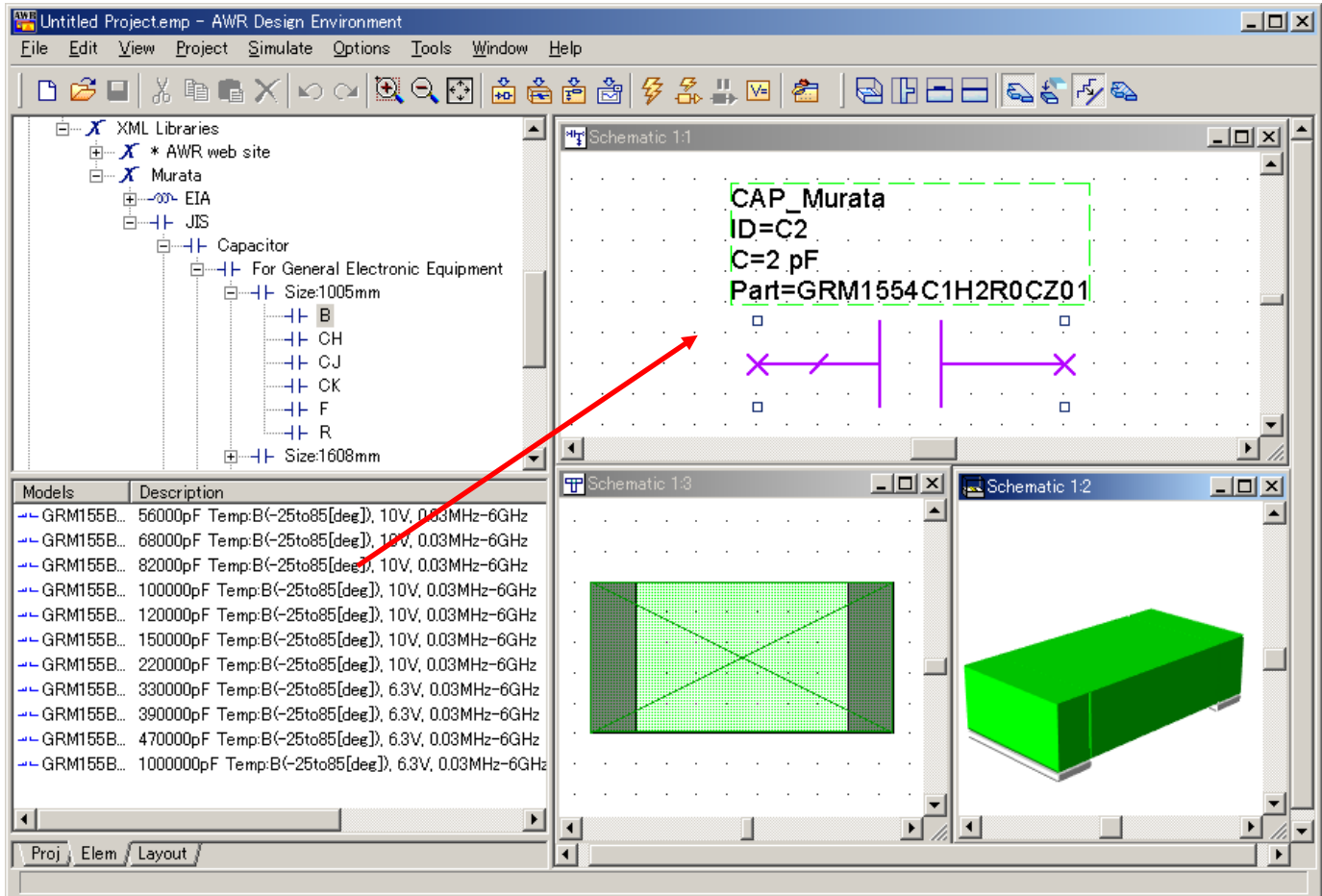
  <COPYRIGHT></COPYRIGHT>
  <SUMMARY></SUMMARY>
  <FILE Name="* AWR web site">http://www.mwoffice.com/weblibs/top_v6_5.xml</FILE>
  <FILE Name="Murata">Murata/parts.xml</FILE>
</XML_COMPONENT_DATA>
```

Caution:

If the library has been installed before and this added line already exists, do not change Lib.xml.

4. Using Murata Library

- Murata Library has two versions for part number, one for EIA and the other is JIS. (They are all the same except part number.)
- Open element browser and select [Circuit Elements] -> [XML Libraries] -> [Murata] -> ...
- Select the device to be simulated from the lower frame of the element browser and drag it to the schematic.



* The Microwave Office® is a registered trademark of Applied Wave Research, Inc.