

Attracting Tomorrow



JEITA LPB Format

ver. 2021.03

TDK Corporation
Electronic Components Business Group
Passive Application Center
March 31, 2021

Caution

- **Applicable condition**

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

- **Terms and conditions regarding TDK simulation models**

- (1) This simulation model is being provided solely for informational purposes. Please refer to the specifications of the products in terms of detailed characteristics of such products.
- (2) In no event shall TDK Corporation or any of its subsidiaries be liable for any loss or damage arising, directly or indirectly, from any information contained in this simulation model, including, but not limited to loss or damages arising from any inaccuracies, omissions or errors in connection with such information.
- (3) Any and all copyrights on this simulation model are owned by TDK Corporation. Duplication or redistribution of this simulation model without prior written permission from TDK Corporation is prohibited.
- (4) This simulation model is subject to any modification or change without any prior notice.
- (5) Neither TDK Corporation nor any of its subsidiaries shall make any warranty, express or implied, including but not limited to the correctness, implied warranties of merchantability and fitness for a particular purpose with respect to this simulation models.
- (6) The use of this simulation model shall be deemed to have consented to the terms and conditions hereof.

How to install the library

- **Unzip the install file**

- 1) Save the zip-formatted install file (e.g. tdk_library_for_lpb_v202103.zip) at an arbitrary directory.
- 2) Unzip the install file.

- **Confirmation of the contents**

When you unzip the zip-formatted file, the LPB folder will appear.

In the LPB Folder, there are 3 types of the files.

(e.g. ****.mod, ****.s2p, ****.xml)

LPB format consists of these three files per product.

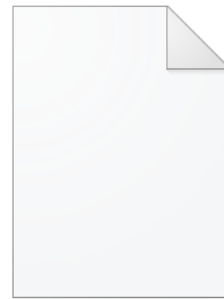
Make sure you have a SPICE file, an s2p file, and an xml file for the products.

e.g. In case of KMZ1608AHR252BD25, there are three files shown below.



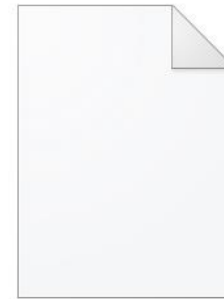
KMZ1608AHR252BD25_p.mod

SPICE file



KMZ1608AHR252BD25.s2p

s2p file



KMZ1608AHR252BD25.xml

xml file

