



**World's Best RF & Microwave Simulation Models**

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## **FOR IMMEDIATE RELEASE**

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### **Modelithics® and TDK Partner to Offer 79 New 3D EM Inductor Models**

TAMPA, Florida (January 12, 2021) – Modelithics is pleased to announce the release of 79 new 3D geometry-defined models for the TDK MHQ1005P 0402-size inductor series to the [Modelithics COMPLETE+3D Library](#) for full-wave electromagnetic analysis using Ansys HFSS. The models are available in the latest version of the library, v20.8.

The new 3D inductor models span inductance values ranging from 0.7 to 130 nH. The models are validated through multi-substrate S-parameter measurements through 20 GHz., and well suited for broadband applications.

Through the Modelithics Vendor Partner (MVP) program, FREE 90-day trial use of Modelithics models for TDK components are available. For more information or to request a free trial of the new 3D models for the TDK inductors, as well as other available Modelithics TDK models, please visit [www.modelithics.com/MVP/TKD](http://www.modelithics.com/MVP/TKD).

The new 3D TDK inductor models are available within the Modelithics COMPLETE+3D Library v20.8 for Ansys HFSS. For more information about this new release and further details on the new models available, please review the [v20.8 release notes](#). To request a free trial, please visit the Modelithics website at [www.modelithics.com/mvp/HFSS](http://www.modelithics.com/mvp/HFSS).



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**About Modelithics, Inc.**

Modelithics, Inc. ([www.Modelithics.com](http://www.Modelithics.com)) was formed in 2001 to address the industry-wide need for high-accuracy RF and microwave active and passive simulation models for use in electronic design automation (EDA). Modelithics' premium product is the *Modelithics® COMPLETE Library*, which includes the *CLR Library™*, containing measurement-based *Microwave Global Models™* for a multitude of commercially-available passive component families, the *NLD Library™* (non-linear diode models), the *NLT Library™* (non-linear transistor models), and the *SLC Library™* (system level component models). Modelithics' services also address a wide range of custom RF and microwave measurement and modeling needs. Modelithics® is a registered trademark of Modelithics, Inc. Microwave Global Models™, CLR Library™, NLD Library™, NLT Library™, and the SLC Library™ are also trademarks of Modelithics, Inc. The Modelithics Vendor Partner Program allows for collaboration and open communication during the development of advanced data sets and models for commercially available microwave components and devices, with flexible sponsorship and distribution arrangements for the resulting data and models. An example of such an arrangement is the Modelithics Qorvo GaN Library, a fully sponsored library distributed for free by Modelithics under sponsorship of Qorvo®.