

## **Modelithics and American Technical Ceramics Corp. Announce the Availability of New Global Models for ATC Components**

*Tampa, Florida and Huntington Station, NY — June 13, 2006*

Modelithics™ and American Technical Ceramics Corp. “ATC” (AMEX:AMK), a leading manufacturer of high-performance electronic components, including capacitors and thin film circuits for a broad range of commercial and military applications, previously announced a collaboration to develop substrate-scalable models for a wide variety of ATC’s industry-leading RF/Microwave and Hi-Power passive components. The initial models will be made available starting in Q3 2006. These new Global Models™, which represent entire families of ATC components on a continuous range of common substrate types and thicknesses, can be requested from the following website: <http://www.modelithics.com/mvp/ATC/> . Many of the new models come with additional features like pad scalability and horizontal/vertical orientation selection. The new ATC/Modelithics models address the following ATC components:

	<a href="#">Part Number</a>		<a href="#">Body Style</a>
ATC	<a href="#">100A</a>	Capacitor	0.055" x 0.055"
ATC	<a href="#">100B</a>	Capacitor	0.11" x 0.11"
ATC	<a href="#">100B</a>	Capacitor	0.11" x 0.11"
ATC	<a href="#">200B</a>	Capacitor	0.11" x 0.11"
ATC	<a href="#">600L*</a>	Capacitor	0402 1005
ATC	<a href="#">600S*</a>	Capacitor	0603 1608
ATC	<a href="#">600 F*</a>	Capacitor	0805
ATC	<a href="#">545 L</a>	Capacitor	0402
ATC	<a href="#">CS-50</a>	Resistor	
ATC	<a href="#">CS-100</a>	Resistor	
ATC	<a href="#">CW-50</a>	Resistor	
ATC	<a href="#">CW-100</a>	Resistor	
ATC	<a href="#">CZ-50</a>	Resistor	

\*Includes pad scaling and horizontal/vertical part orientation in the model.

The models will be distributed and supported with future releases of the Modelithics CLR Library™. The CLR Library adds high accuracy RF/Microwave component models to EDA software tools such as Agilent EEsof ADS, Applied Wave Research Microwave Office, Agilent Eagleware GENESYS, and Ansoft Designer. Current Modelithics CLR Library customers on active Platinum Maintenance Support will receive the new ATC models for free.

Larry Dunleavy, President and CEO of Modelithics, stated, “We’ve enjoyed our collaboration with ATC developing these models and addressing the challenging problem of obtaining accurate and repeatable effective series resistance (ESR) measurements for low value/low ESR capacitors. The new ATC models represent the largest single addition of models to the Modelithics CLR Library and we are very excited to announce their completion through the strong collaboration we’ve established with ATC.

For further information on complete Modelithics Libraries, contact Modelithics at 813-866-6335, or visit: <http://www.modelithics.com/mvp/ATC/> and request a complimentary user license today.”

Victor Insetta, President and Chief Executive Officer of ATC, added, “Our mission at ATC is to provide the best available solutions for our customer’s RF and high-power component and package needs. These models will allow users to efficiently model circuit performance for many ATC components. Modelithics’ measurement-based models represent the latest in the ATC tool kit we offer engineers to help accurately predict the results they will obtain with our surface-mounted devices. Our goal is to increase simulation effectiveness by achieving design goals on the first pass. This supports introduction of our products and accelerates adoption of ATC components into our customers’ new products.”

#### **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). Current products include the *CLR Library™*, which contains measurement-based *Global Models™* for a multitude of commercially-available passive components, the *NLD Library™* (non-linear diode models) and the *NLT Library™* (non-Linear transistor models). Modelithics’ services also address a wide range of custom RF and microwave measurement and modeling needs.

*Modelithics™, the Modelithics logo, Global Models™, CLR Library™, NLD Library™ and NLT Library™ are trademarks of Modelithics, Inc.*

#### **About American Technical Ceramics Corp.**

American Technical Ceramics Corp. designs, develops, manufactures and markets electronic components, including ceramic multilayer capacitors and custom thin film circuits. The Company’s products are utilized in a broad range of commercial and military applications, including wireless infrastructure, fiber optics, medical electronics, semiconductor manufacturing equipment and satellite equipment.

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For further information, please contact American Technical Ceramics, One Norden Lane, Huntington Station, NY, 11746 • voice 631-622-4700 • fax 631-622-4748 • [sales@atceramics.com](mailto:sales@atceramics.com) • [www.atceramics.com](http://www.atceramics.com)

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*This release may contain forward-looking statements that are subject to risks and uncertainties, including, but not limited to, economic and political conditions, the impact of competitive products, product demand and market acceptance risks, changes in product mix, costs and availability of raw materials, fluctuations in operating results, delays in development of highly-complex products, risks associated with international sales and sales to the U.S. military, risk of customer contract or sales order cancellation and other risks detailed from time to time in American Technical Ceramics Corp.'s filings with the Securities and Exchange Commission, including, without limitation, those contained under the caption "Item 1. BUSINESS - CAUTIONARY STATEMENTS REGARDING FORWARD – LOOKING STATEMENTS" in the Company's Annual Report on Form 10-K. These risks could cause the Company's actual results for future periods to differ materially from those expressed in any forward-looking statements made by, or on behalf of, the Company. Any forward-looking statements represent the Company's expectations or forecasts only as of the date they were made and should not be relied upon as representing its expectations or forecasts as of any subsequent date. The Company undertakes no obligation to correct or update any forward-looking statement, whether as a result of new information, future events or otherwise, even if its expectations or forecasts change.*