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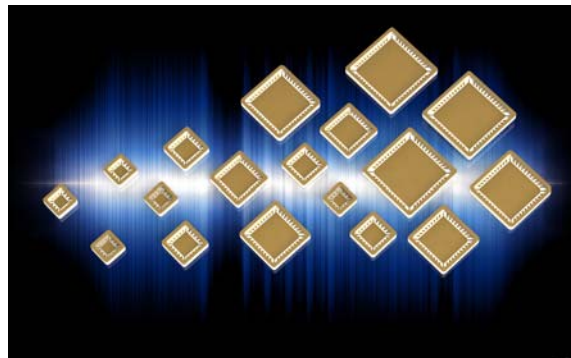
Press Release

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Barry Industries and Modelithics Develop Broadband 5mm C-QFN Package Model to 40GHz

Attleboro, Massachusetts USA – Barry Industries and Modelithics, Inc. have published a report detailing the broadband performance of Barry's 5mm high temperature co-fired ceramic (HTCC) quad-flat-no-leads (QFN) package to 40GHz. Barry Industries is an ISO9001:2008 certified ITAR-registered manufacturer of high quality thick film resistors, terminations, attenuators and high temperature co-fired ceramic (HTCC) packaging.

The report presents the accurate modeling of each of the 5mm QFNs 32 pins to 40GHz using a combination of Ansys HFSS 3D simulation and precision Modelithics measurement data. The model features 64 ports for the inner and outer connections of each pin and two model package options depending on the design configuration. The Modelithics model is validated with a comparison to actual measured data, including an example fixture with



a transmission line mounted and connected with wire bonds in the Barry package. The full Modelithics report is available on the Barry Industries website at www.barryind.com.

Barry offers RoHS-compliant hermetically sealable ceramic QFN packages in sizes 3mm to 8mm with standard JEDEC MO-220 footprints and pin counts. Due to the versatility of this product line, custom pin counts and paddle sizes can be accommodated with ease.

Further information and samples can be obtained by visiting Barry Industries' web site at www.barryind.com or by contacting the factory at 60 Walton Street Attleboro, MA USA, Tel. 508-226-3350, e-mail: sales@barryind.com.

Since 1977, Barry Industries, an ISO9001:2008 certified, ITAR registered company, has been supplying the defense, medical and communications industries with highest quality thick film chip resistors, terminations, attenuators high temperature co-fired ceramic (HTCC) packaging. For more information, visit www.barryind.com, or contact the company at 60 Walton Street Attleboro, MA USA, Tel. 508-226-

3350 Fax 508-226-3317, e-mail: sales@barryind.com. Model information and a link to request a free trial can be found at www.modelithics.com/mvp/Barry

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