



Press Contact

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FOR IMMEDIATE RELEASE

**Practical Components' New Kit
For Test and Qualification of the Amkor TMV Component**

LOS ALAMITOS, CA — June 2011 — Practical Components Inc., a leading supplier of dummy components, announces that the new Practical Components TMV (Through Mold Via) 14mm Board Drop Test Lead Free Kit is now available. This kit is designed for the 14mm Amkor TMV® (Through Mold Via) component.

This test eight layer board is a 3x5 array with 15 components placements per board. The board is 132mm x 77mm in size, and 1.0mm thick. The standard surface finish is OSP. Our test vehicle is designed for the new TMV® 620 solder ball .4mm pitch bottom component and the TMV® 200 solder ball .5mm top component.

Both top and bottom components have a daisy chain pattern through the substrate of the part. A daisy chain pattern also runs through the test board. The design allows for daisy chain 3 net design, meaning both top and bottom components as well as the board can be tested individually or as a group. This kit allows the end user to test the integrity of their process applications for TMV® components.

Practical Components' products are designed to help engineers qualify their technology, and train and grow their business while making significant cost savings. Special attention is always given to lead-free availability and formulations.

Dummy components are exact mechanical equivalents of live components used only when the physical properties of the components are required. These components can cost as much as 80 percent less than live components, making them ideal for testing solder processes, machine setup and other process evaluations.

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About Practical Components

Practical Components is the worlds leading supplier of dummy components and test boards, which are exact mechanical equivalents of live components, used when only the physical properties of the components or boards are required. These components and boards are ideal for testing of solder processes, machine setup thermal, CPK, drop test and other process evaluations. Practical Components is headquartered in Los Alamitos, CA. with distributors worldwide.