

CoorsTek Introduces New Design Guide for Thick-Film Ceramic Substrates

Several enhanced processing features, updated laser machining standards, new materials, and easier-to-read format is immediately downloadable on the CoorsTek.com website.

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March 20, 2008 – Grand Junction, CO – CoorsTek, a large technical ceramics manufacturer and long-time provider of electronic components, today released the latest version of its widely used design guide for thick-film ceramic substrates. The first significant update in several years, this guide offers electronics engineers the latest design guidelines for standard thick-film and laser machined ceramic substrates.

Two separate design specifications, one for laser machining and the other for thick-film ceramic substrates, have been combined into one completely updated and comprehensive guide. New features include smaller hole and slot sizes (down to 0.003" [0.0762 mm]), additional substrate thickness offerings (up to 0.140" [3.556 mm]), laser pulse depth and spacing tolerances, special edge treatments (SilkEdge™ finish and SmoothEdge™ finish), additional materials (DuraStrate™ substrates, MidFilm® substrates, economy grade substrates), comprehensive material properties charts, easier-to-understand camber design specifications.

“We took a number of extra steps to ensure this guide would be thoroughly useful to the electronic engineer,” states Andrew Golike, Technical Product Manager for CoorsTek. “It’s designed to ease the specification process for our customers – especially for new and developing electronics markets,” he continued.

To download the latest design guidelines for thick film and lasered thick film substrates, click on or copy and paste the following URL:

<http://www.coorstek.com/resources/8510-1537-Thick-Film-Design-Guide.pdf>

For more information about the full line of electronic products offered by CoorsTek, please visit: <http://www.coorstek.com/electronics.asp>, send an e-mail to Andrew Golike at agolike@coorstek.com, or call +1.970.244.1165. In Europe, please contact Eric Murray at emurray@coorstek.com, or call +44.1592.776601.

Resources

For a print ready, high-resolution image of the thick-film design guide, please use the following link (<http://www.coorstek.com/resources/images/Thick-Film-Design-Guide.jpg>) or contact Harrison Hartman at +1.303.277.4559 or hhartman@coorstek.com.

More about CoorsTek...

Established in 1910, CoorsTek is one of the largest technical ceramics manufacturers in the world and serves customers throughout North America, Europe, and Asia from 17 state-of-the-art facilities around the globe. CoorsTek supplies critical components and complete assemblies for electronic, medical, automotive, semiconductor, aerospace, energy, telecommunication, and other high-technology applications. Utilizing advanced material technologies, the company's engineered solutions enable its customers' products to overcome technological barriers and improve performance. For more information about CoorsTek, please visit their website at www.coorstek.com.

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