

CoorsTek Develops Innovative Process to Create Hermetically Sealed Multi-Layer Components

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Golden, Colorado, October 20, 2002 - Accomplishing a feat that has eluded designers in the electronics industry for years, CoorsTek, Inc., a leading designer and manufacturer of critical components and integrated assemblies for the semiconductor capital equipment industry and other high technology markets, today announced that it has developed a revolutionary new process for producing one hundred percent hermetically sealed multi-layer channel components. While the process will remain proprietary, the essence of the design entails laser cutting two substrates and hermetically sealing them to hold an air vacuum or liquids with no fluid or air leakages.

The multi-layer channel products are ideal in situations where a heat exchanger, heat sink or heat dissipater is necessary or in those that require a path for corrosive fluids. Potential applications for these components include those in the electronics industry, where the product can be used for cooling circuitry; the medical industry, where corrosive fluids are prevalent and require separation; and the robotics industry, where the suction feature of the product is already being used in a robot arm.

CoorsTek multi-layer channel components are manufactured out of the Company's 96% Alumina Oxide or 99.5% Alumina Oxide ceramics, which are known for their corrosion resistance, heat dissipation, high-purity, durability, and stability at a wide range of temperatures. For more information on the multi-layer channel components, please call 970-244-1165.

CoorsTek designs and manufactures components and integrated assemblies for semiconductor capital equipment and for automotive, electronics, medical, telecommunications, and other industrial applications. Using technical ceramics, precision-machined metals, engineering plastics, and high-purity fused quartz, the Company's solutions enable its customers' products to overcome technological barriers and improve performance. For more information on CoorsTek, please visit the Company's website at www.coorstek.com

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