Zentrix Technologies Inc. Introduces High Performance Circuitry on Aluminum Nitride

SEATTLE—(BUSINESS WIRE)—June 17, 2002—Zentrix Technologies Inc., a worldwide leader in packaging, circuitry, and materials, has expanded its high performance circuitry capabilities with the addition of Aluminum Nitride "AIN" for applications in the wireless, optoelectronic, and military markets.

AIN circuitry is used as an alternative to conventional ceramic oxide substrates due to its high thermal conductivity of up to 200 W/mK. It is used in microwave and millimeter-wave applications that rely on increased performance and reliability.

AIN circuitry from Zentrix employs the company's Enhanced Circuits Processing "ECP" technology to provide 30-50% lower insertion loss than thin film. "This new capability gives us the opportunity to supply our customers with additional choices in substrate material so they achieve the ultimate in performance while keeping within their specific design requirements. We are currently in development to integrate capacitors, resistors, and solid filled through holes using our "ECP" process," stated Kirk Keithly, President, Circuitry Group.

Zentrix Technologies’ Circuitry Group is a leading manufacturer of high frequency (through 100 GHz) circuitry used to transmit and receive signals in the wireless, optoelectronic, and military industries. The group's product capabilities include standard multi-layer modules with integrated capacitors and resistors, 25 micron (0.001 in.) lines/spaces, integrated Lange Couplers, inductors, filters, and integral brazed on frames/pins.


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