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Covering the World of Electronics Manufacturing.

Polyonics Introduces Polyimide, Kapton and Circuit Board Label Materials

Sep 8, 2003

Printed circuit board labels (also known as Polyimide, Kapton and PCB labels) may require Kapton label materials that can withstand process temperatures in excess of 250°C. These Polyimide or Kapton label products, printed with the appropriate thermal transfer printer and thermal transfer ribbon, can survive a wide variety of fluxes, cleaners and other chemicals without lamination by a label lamination machine.

Polyonics' THERMOGARD(R) products provide the broadest cost/benefit choices available today, offering Polyimide, Kapton, modified Polyimide and Polyester label materials for barcode label applications. Additionally, colored versions of some Polyimide label materials are available.

All THERMOGARD Polyimide label materials are thermal transfer printable, and exhibit the highest PCS and bar code label first read rates. Each Polyimide label produced can withstand process temperatures up to 1,000°F (538°C), depending on time exposure. Each can be printed with one of a wide variety of thermal transfer ribbons, which will provide labels to withstand the process conditions used in circuit board manufacturing. But remember…just because it prints does NOT mean the printed image will survive the process environment. A free white paper entitled "Developments in Thermal Printing," by industry expert Dr. James Williams, is available at the contact information listed below.

For more information, contact:

Jim Williams
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Polyonics Inc.

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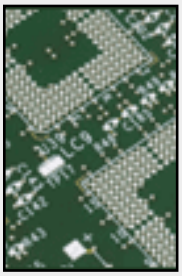

Teradyne's single-site North American fabrication facility has been continuously manufacturing since 1978 and is one of the first to be qualified to MIL-PRF-31032. Delivery schedules of 5,10,15 and 20 days. Prototype, quick-turn, ramp to volume production. High-reliability and convenient services are just a click away.

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