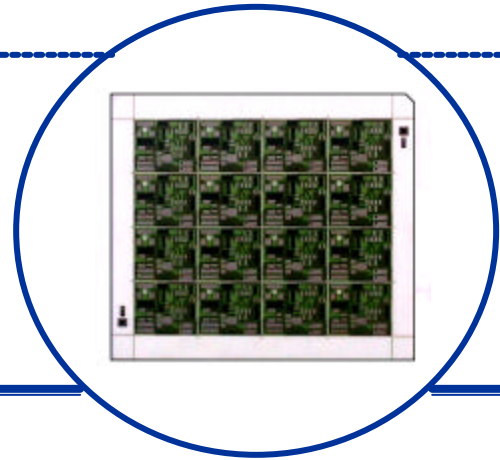


High Volume Substrate Screening Sales Aid

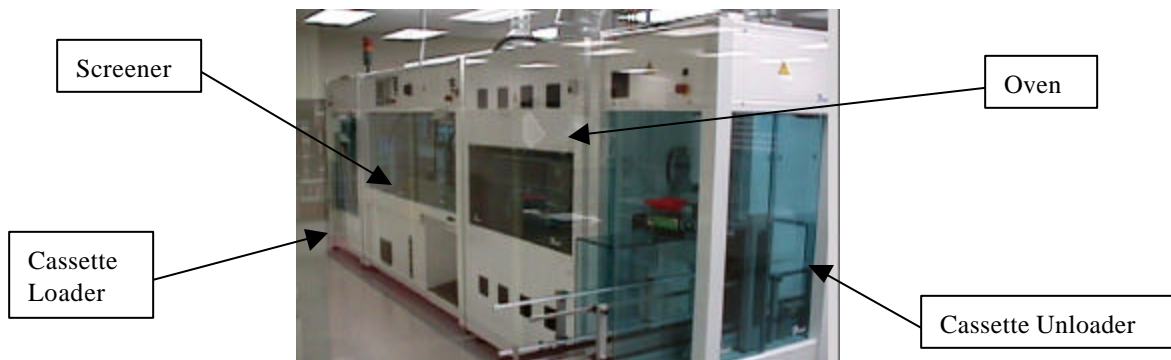
Fully automated thick film high volume screening capability
ISO 9001 AND QS-9000 certified



Features / Benefits

Multi-layer circuit interconnect on ceramic (Al ₂ O ₃) substrate	<i>Thermal performance, rugged environment, chip and wire compatible, integrated resistors</i>
Housed in a 10,000-Class clean room	<i>Assures best quality</i>
Run rate: 600 prints per hour	<i>High volume capability</i>
Substrate panel size up to 4x6 inches	<i>Allow for multi-up screening and maximize throughput</i>
Cassettes handling system	<i>Minimize damage to substrates during handling</i>
Two sided printing capability	<i>Allow for more complex circuitry</i>
Traces available in silver palladium or thick film copper	<i>Optimize circuit for power, resistance and cost</i>
Integrated thick film resistor with fully automated trim	<i>Thermal performance, circuit performance, size reduction, reduce solder joints</i>

Fully automated high speed screening print machine



General Note

BI Technologies reserves the right to make changes in product specification without notice or liability. All information is subject to BI's own data and is considered accurate at the time of publishing.

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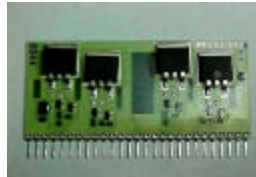
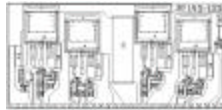
High Volume Substrate Screening Sales Aid



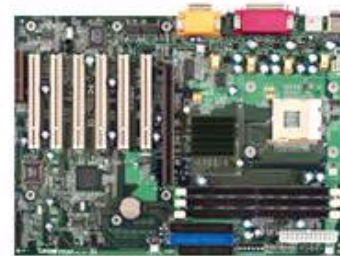
Applications



Automotive Temperature Switch

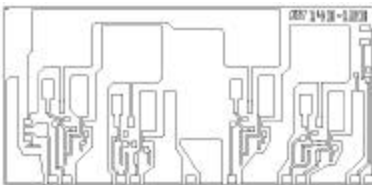


Industrial Motor Controller

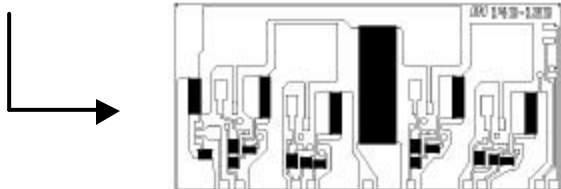


SCSI Terminator

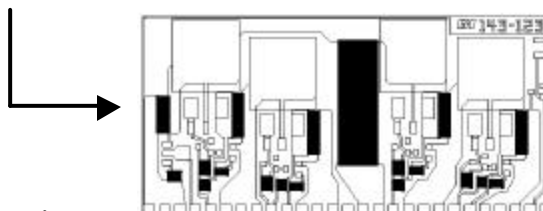
Typical BI Technologies thick film screening process



Conductor layers screened on blank alumina substrate follow by dry and fire.



Multiple resistor layers are screened follow by dry and fire.



Dielectric layer screened. Dry and fire. Resistor values are laser trimmed to specific tolerance

Contact BI Technologies

For assistance with your application or price and delivery information contact BI Technologies product Marketing at (714) 447-2345, by fax (714) 388-0046, by email: sales@bitechnologies.com