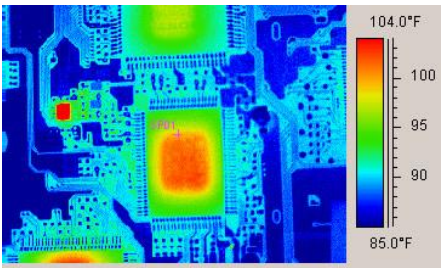




DETROIT TESTING LABORATORY, INC.



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Electrical & Electronics Testing

DTL is capable of testing a variety of electrical and electronic components and systems for automotive, military, aerospace and consumer products. Whether it is a simple temperature and performance cycling durability test or an extensive Design or Production Validation program, DTL's engineering staff is among the testing industry's most experienced. Beyond testing to industry or customer specifications, we can design a custom test program to meet our customers' needs.

Our team of engineers are capable of designing and building custom automated test systems for electronic modules and electrical components, including custom hardware and performance data acquisition and test control using National Instruments LabView software.

Testing Capabilities

- Life Cycle & Endurance
- Chatter Monitoring/Discontinuity
- Fretting Corrosion/Microvolt
- Contact Resistance
- Voltage Drop/Resistance Measurements
- Metallic Plating Thickness
- Dielectric Strength
- Current Cycling
- Environmental Effects
- Surface & Volume Resistivity
- Force vs. Displacement
- Electrical Contact (Make/Break)
- Switch Retention/ Insertion Force

Routinely Tested Components

- Components/Modules
- Alternators
- Solenoids
- Connectors
- Starters
- Head Lamps
- Switches
- Terminals
- Relays
- Wire Harnesses
- Sensors