

ELECTRICAL TESTING:

Industries Served: Aerospace, Defense. Electronics

Materials Tested: Electronics, Flex/Rigid PCB's

Electrical Testing characterizes the interaction between resistance, capacitance and inductance in electronics interconnection products. The electrical tests Microtek performs help demonstrate attributes critical to the performance of the product. Electrical testing may be performed as an independent analysis of the product's electrical properties or it may be performed in conjunction with environmental simulation.

Test Capabilities/Method:

- Arc Resistance
- Capacitance
- Comparative Tracking Index (CTI)
- Conductivity Contact Resistance
- Continuity
- Dielectric Breakdown
- Dielectric Strength
- Dielectric Withstanding Voltage (DWV)
- High Current Arc Ignition (HAI)
- Insulation Resistance (IR)
- Interconnection Resistance
- Permittivity (Dielectric Constant) and Loss Tangent (dissipation Factor) to 1.5 GHz
- Surface Insulation Resistance (SIR)
- Volume and Surface Resistivity
- Wrapper Resistance (Wire Wrap)