



**A&D Technologies, LLC** (A&D) is a global supplier of temperature sensors, thermistors, ceramic components, and ceramic cartridge modules for the consumer product and automotive industries, and is committed to providing its customers with products and services that meet and exceed their requirements. A&D's goal is to achieve complete customer satisfaction through perfect delivery and Zero defects.

### **Company Highlights**

- A&D is a Certified MBE (Michigan Minority Business Development Council)
- Company Facilities & Locations:
  - Corporate Headquarters & North American Sales – Troy, Michigan
  - Manufacturing/technical center – Seoul, Korea
  - Manufacturing operation – Shenyang, China

### **Products – Ceramic Components & Modules**

- Ceramic disc sets to control flow and hot/cold mix in consumer plumbing fixtures
- Ceramic seals for fuel, oil, and coolant pump automotive applications
- Ceramic diaphragm substrates for pressure sensors
- High temperature automotive bushings and gaskets
- Ceramic Insulators used in consumer appliance and other industries
- Ceramic disc cartridge module – drop-in cartridge for plumbing fixtures

### **Products – Thermistors & Temperature Sensing Components & Modules**

- Negative Temperature Coefficient (NTC) thermistor chips (for sensing temperature)
- Thermistor assemblies – glass encapsulated, epoxy coated, Q-chip, Inter-chip
- Temperature sensors & assemblies – passive, active, humidity, sun-load, fuel temperature, outside air temperature

### **Product Applications – Thermistors & Temperature Sensors**

- Automotive – HVAC, fuel systems, engine management, interior/exterior temperature
- Non-automotive – A/C, washers, dryers, ovens, toasters, cell phones, fire detectors, refrigerators, iron, microwave, water heater, electric blanket, consumer electronics heat sinks, power supplies, products with 'over heat' protection.

### **A&D Core Capabilities**

- Cutting-edge technology – hold numerous product design and process design patents for both ceramic and temperature sensing products
- Material design and evaluation
- Deep understanding of base chemical and raw material ingredient to provide customized product performance.
- Application engineering
- Full service engineering and prototype capability

To learn more about A&D you are welcome to visit our website at [www.adtechllc.com](http://www.adtechllc.com)