

# astron(elec•tron-ics)

verb: 1. representation defined

**Defining representation for 25 years...**

## ENGINEERED POWER SOLUTIONS:

### Method Electronics

Bus Bars, Connectors, Power Cables, & Chill Plates

**Lead Frame:** insert molding of complex interconnect geometries to be integrated into assemblies reducing parts & assembly costs



### Power Partners

**Power Supplies:** Medical & Industrial. Configurable, Desktop, Encapsulated, Open Frame/U-Chanel/Enclosed & Wall Mount. Custom Internal and external AC-DC Power Supplies.



### IRC, Welwyn, Precision & BI Magnetics

**Resistors & Inductors;** Electromagnetic coils, High Frequency Power, 50 / 60 / 400 HZ Power, Current Transformers, Medical {implantable} coils, RF Transformers & Data Signals. Design & manufacture ruggedized electromagnetic components & electronics systems in aerospace & defense markets.

### Semelab:

**Custom Die Packaging** (Ceramic & Metal) **Multi-chip arrays.** Discrete Semiconductors, RF Transistors, Power Modules, EMI filters, Hybrid Microcircuits, Voltage Regulators, & Transformer Rectifiers

## INTERFACE TECHNOLOGIES:

### OPTEK

**Infrared LED's & Sensors:**

Standard & Custom **Optoelectronic** sensors & switches. Hall-effect magnetic sensors, hi-rel and space components, fiber optic & VCSEL devices.



### BI TECHNOLOGY

Single and multi-turn precision **Potentiometers.** Standard & custom panel potentiometers. Steering & torque sensors, and non-contact rotary sensors. Encoders, slide pots, trimmers / trimpots, & turns-counting dials. Dial to zero.

### Dynawave

**RF & Microwave Connectors:**

High Performance Cable Assemblies, DynaCore Technology – industry leading dielectric technology and state of the art Cable manufacturing.



### SynQor

**DC/DC, AC/DC Converters,** EMI Filters

Military Grade: UPS, Inverter, Power Conditioner and Power Supply in 19" Rack Form Factor Industrial, Medical D-Fib Proof MIL-STD: 704, 461, 1399 & 810G



### Fuji Electric

**Power Semiconductors:** IGBT's, SiC Devices, Power Supply Control IC's, Power Mosfet's, Rectifier Diodes, Pressure Sensors.



### LEM

Galvanically isolated **Hall-effect current sensors and voltage transducers,** from 1 A to 20 kA and up to 4200 V, for various industrial, medical, trackside, and high-precision applications.



### Y.S. Tech

AC & DC cooling **fans & blowers.** Xtreme high performance, Automotive Grade, IP67 for Harsh Environments. **Heatsinks, Power cords & Castings.** Free Electro-Thermal Analysis.



### American Zettler

**Relays:** Appliance, Automotive, EV Charging, Industrial, latching, Power, Solar & Telcom. **Thermostats.**



### AZ Displays

**Display's:** Digital TFT Panels, Character Modules, Graphic Modules, & Custom Glass LCD Module. All with integration options



### E-Switch

**Switches:** Anti-Vandal, Detector DIP, Keylock, Navigation, Rocker Pushbutton, Rotary, Slide, Snap Action, Tact, Tilt, Toggle, & Trigger. Sealed up to IP67, Illuminated, SMT, Miniature, & Power-rated. Custom Switch Cable Assemblies.



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