

ADI AMERICAN DISTRIBUTORS LLC

Global Distributor of Electronic Components for the Aerospace and Defense Industry
Medical, Industrial, and Marine Applications



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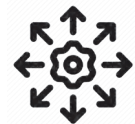
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Counterfeit Avoidance, Detection, Mitigation
Unbroken 100% Traceability • Failure Analysis
Service and Support • Logistics Solutions



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06/21



ADI AMERICAN DISTRIBUTORS LLC FEATURED LINES

ADI is committed to rigorous compliance, safeguarding industry standards, and maintaining all certifications and recordkeeping requirements with 100% traceability. Certified to AS9120 • AS5553 and AS6081 compliant.

3M **3M Aerospace** provides interconnect solutions, touch systems, static control solutions. 3M's world-class research centers are committed to innovating for weight reduction, rate improvement and cost optimization—it's what 3M lives for.

Air Electro, Inc. **Air Electro** Since 1992 Air Electro has emerged as a specialist in the manufacturing of custom connectors, contacts, and cable assemblies. Today, AEI offers complete manufacturing capabilities for custom connectors and printed circuit contacts.

AlphaWire **Alpha Wire** For over 90 years, AlphaWire has engineered wire and cables that excel in taming tough applications. From the critical controls on an offshore oil rig, to advanced medical devices requiring smaller, lighter connectivity solutions, cables from Alpha Wire are working reliably day-in and day-out.

ALTRAN MAGNETICS **Altran Magnetics, Inc.** With a diverse product scope of motors, blowers, EMI Filters, DC contactors, and photo electric controls, Altran can provide the solution you are looking for. With over 30 years of design and manufacturing experience from ISO and IATF 16949 certified facilities, our global design team can customize most products to meet your needs.

Amphenol® RF **Amphenol** is one of the largest manufacturers of interconnect products in the world. The company designs, manufactures and markets electrical, electronic and fiber optic connectors, coaxial and Tat-ribbon cable, and interconnect systems.

ANDON **Andon Electronics** makes innovative precision sockets used in the placement of image sensors, optoelectronic and gas sensors, DC-DC converters, batteries, crystal oscillators, fuses, relays, and other electronic devices onto PC boards.

Cal Crystal Labs Transko **Cal Crystal Labs Transko** is a U.S manufacturer of frequency control products since 1992 and has implemented a Quality Management System to meet the needs of national and international Quality System Requirements, which conforms to the requirements of ISO 9001 and continually improves QMS effectiveness.

CISSOID **CISSOID** is the leader in high temperature semiconductor solutions, delivering standard products and custom solutions for power management, power conversion and signal conditioning in extreme temperature and harsh environments. CISSOID provides high reliability products guaranteed from -55°C to +225°C.

COBHAM **Cobham Advanced Electronic Solutions** provides critical solutions on land, at sea, and in the air and space, by moving data through off-the-shelf and customized products including RF, microwave, and high reliability microelectronics, antenna subsystems and motion control solutions.

Connectronics **Connectronics** designs and builds RF + Microwave connectors and adapters that are high quality, have a fast turnaround time, and are made in the U.S. We offer flexible delivery options for our customers and have very low or no minimum order quantities.

Bussmann **Cooper Bussman** develops and manufactures critical circuit protection, power management and electrical safety products designed to provide innovative circuit and power electronics protection, electrical and electronic fuses, fuse holders, as well as engineering, training and testing services.

CRISTEK **Cristek Interconnect's** extensive range of interconnect technologies and deep commitment to process discipline provide even the most demanding customers with rapid, seamless progression through concept, proof of design, proof of manufacture and full scale production.

ECS INC INTERNATIONAL **ECS Inc International** is a privately held global leader in its class that is at the forefront of servicing a growing demand for highly reliable and innovative passive components for the world today and beyond.

electrocube **Electrocube** Since 1961, Electrocube stands alone as the only company that custom designs and manufactures film capacitors, resistor capacitor (RC) networks, EMI filters and high frequency transformers.

ELPAC **ELPAC** Inventus Power is the global leader in advanced battery systems. ELPAC specializes in the design and manufacture of li-ion battery packs, smart chargers and efficient power supplies across a broad range of portable, motive and stationary applications.

FEMA ELECTRONICS CORPORATION **FEMA Electronics** has an expanded product offering of LCDs and LCD-related products. With more than 15 years of integration experience, our sales engineers stand ready to assist you with front-panel design.

GAIA CONVERTER **Gaia Converter** is a Leading Manufacturer of High-Reliability DC-DC Converter products, PFC Front End modules and related input protection devices for aerospace, military, transportation and industrial apps.

GOWANDA ELECTRONICS **Gowanda** is a leader in the design and production of robust inductors for the military/aerospace and defense industries. The company's success is derived from decades of magnetics expertise combined with focused attention on the requirements in demanding applications and collaborative client relationships.

hec, inc. **HEC, Inc.** is a worldwide leading manufacturer of frequency control devices, supplying to the telecommunications, military and defense, oil drilling, automotive, and commercial product industries, with quick lead times and manufacturing specifications and package sizes that exceed industry limits.

ISI **Inductor Supply Inc.** is a world leader in the design, manufacture and supply of inductors, coils, chokes, transformers and related magnetic components for the electronics community. ISI supplies thousands of inductors in a wide range of sizes, shapes and inductance.

INFICON **INFICON** is a leading provider of innovative instrumentation, critical sensor technologies, and advanced process control software that enhance productivity & quality in sophisticated industrial vacuum processes.

Jauch **The Jauch Group** is a major specialist in quartz crystals, crystal oscillators, innovative MEMS oscillators and battery technology. Since 1954 Jauch has been a leader in the sector of frequency control products and proven experts on the emerging market for lithium polymer batteries.

knowles **Knowles Capacitors.** Our products [Johanson, Novacap, Syfer, Voltronics, and Dielectric Labs(DLI)] can be found in every corner of the world, from 8000 ft below the earth's surface to orbiting 254 miles above us on the ISS. We are a specialty components manufacturer, taking on the complex challenges that come with High Reliability, High Temperature, High Performance solutions.

Littelfuse **Littelfuse** products are vital components in applications that use electrical energy, from consumer electronics to vehicles and industrial facilities. Our history of innovation and technical expertise enable us to provide objective, comprehensive, and personalized customer solutions.

MERCURY **Mercury United** was established over 45 years ago, in 1973, as the first quartz crystal frequency control product manufacturer in Taiwan. As a pioneer in the crystal industry, Mercury continues to meet market demands by researching & developing many new cutting edge products.

murata **Murata**, parent co. of TOKO America, is a global leader in the design, manufacture & supply of advanced electronic materials, leading edge electronic components, and multi-functional, high-density modules.

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ADI AMERICAN DISTRIBUTORS LLC *continued*

ADI is committed to rigorous compliance, safeguarding industry standards, and maintaining all certifications and recordkeeping requirements with 100% traceability. Certified to AS9120 • AS5553 and AS6081 compliant.

 **ProTek Devices** is a leading semiconductor manufacturer of a wide range of high-performance TVS protection products. With over 25 years of engineering and manufacturing experience, ProTek Devices offers application speciSc solutions for all electronic equipment/systems.

 **QST Corp.** is a leading supplier of timing devices, ICs, and module products. With strategic joint ventures in Asia, QST is able to introduce the latest technologies in functionality and miniaturization of timing devices, low EMI, IC solutions, and wireless charging solutions.

 **Riedon** For more than 45 years, since its formation in 1960 Riedon has been at the cutting edge of resistive solutions. Its products can be seen in industries as diverse as aerospace, military, and instrumentation.

 **MacLean Senior Industries (MSI)**, offers the most comprehensive line of pole line, drop and grounding & bonding hardware; connectors; and anchors to the telephone, CATV and SATV markets, as well as a full line of proven electronic components and products.

 **Sensitron** has over 55 years of heritage as a leading manufacturer of high reliability power electronic component solutions for the defense, aerospace, space, medical and other high reliability markets. Products include Motor Controllers, Solid-State Power Controllers, Transistors, Diode & FET Modules & Assemblies, QPL Diodes, Rectifiers, Transient Voltage Suppression (TVS) discretes and modules.

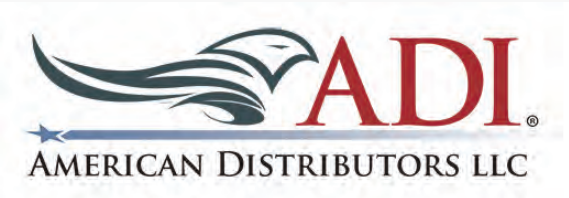
 **TGS** develops, manufactures and markets components that include quartz crystals, oscillators, ceramic & SAW devices. A broad product portfolio and years of hard work have made TGS a leading manufacturer in the frequency control industry.

 **Times-Electric Dynex** designs and manufactures high power bipolar discrete semi conductors, high power insulated gate bipolar transistor (IGBT) modules and die and high power electronic assemblies: rail traction motor drives, electric power transmission and distribution, renewable and distributed energy, marine traction motor drives, aerospace, electric vehicles, industrial automation controls, and power supplies.

 **TXC CORPORATION** is a leading professional frequency control product manufacturer devoted to the research, design, manufacture, and sale of dual-inline-package (DIP) and surface mount device (SMD) quartz crystal and oscillator products.

 **Valconn** is a leader in the manufacture of cable assemblies, custom connectors, and power cord sets.

 **Wilco** manufactures surface mount power inductors, surface mount shielded inductors, surface mount chip inductors, power line inductors, high current hash chokes, axial lead RF chokes, drum core power inductors, universal wound coils, air coils, ferrite bobbin coils, and common mode toroids.



GEMINI COMPONENTS LLC

Certified to ISO 9001:2015 and AS9120B

 **Amphenol Canada (ACC)** has pioneered many unique technologies including Filtered Connectors, Interconnect devices for EMI and EMP protection, Ruggedized connectors for Harsh Environments, and industry-leading High-Speed signal connectors for In-flight Entertainment Industry of Commercial Aviation.

 **AmericanMicro Products, Inc.**, manufactures glass-to-metal, hermetically sealed connectors. QPL consists of MIL-C-26500 Bayonet and threaded, MIL-C-83723 Series III, MIL-C-38999 Series I, II and III.

 **Detoronics** provides high reliability cylindrical and D subminiature hermetically sealed connectors that meet Military specification requirements.

 **Filconn** specializes in precision high reliability filtered, EMP suppression, and custom configuration connectors for the Mil-aero, medical, transit and oil/gas industry.

 **LSI/CSI** is a leader in the design and production of affordable full custom and standard mixed-signal, digital and analog integrated circuits. Using a broad array of process technologies, LSI/CSI produces ICs that extend from the consumer and industrial marketplace to military and aerospace applications.

 **Micro Precision** manufactures a large range of microswitches. Most of the products are IP67 or even IP68 protected. They can be supplied with custom cable solutions to adapt to the customers specific application. The RoHS compliant micro switches show very long mechanical life, small differential travel and a large range of standard and custom actuators. With its own in-house tool shop and 3D design work stations, Microprecision is able to produce rapidly custom samples or even small custom production.

 **Mil Spec West** is a manufacturer, assembler and value added distributor of quality push-pull and micro-circular connectors for high reliability applications.

 **Incon** provides sophisticated, high reliability, interconnection systems for use by the computer, telecommunications, military, and aerospace industries. Incon significantly expanded its MIL-C-55302 product offerings with the acquisition of Texas Instruments' F-Series connector line.

 **Meteolabor** is a supplier of high quality surge protection devices to protect the wiring of highly reliable electronics against over voltages due to HEMP/NEMP/EMP (High altitude ElectroMagnetic Pulse) and lightning.

 **RF Immunity** specializes in the design and manufacturing of EMI/RFI filtered connectors, transient protection connectors and hermetically sealed and customized connectors.

 **State of the Art, Inc.** is the leading supplier of M55342 thick and thin film resistive components to the biomedical, communications, aerospace, and defense industries.

 **VCC/Wilbrecht Ledco** is the leading supporter of illuminated electronic components for the global markets including aerospace, food service, people movers, transportation, medical, telecom and industrial.

 **Xsis Electronics Inc.** designs and manufactures high reliability hybrid microcircuit crystal oscillators. Our expertise with quartz crystals and thick film hybrid technologies have earned us a reputation as a reliable, certified supplier, of advanced design microcircuit crystal oscillators.



Microwave Components is certified to AS9120 Revision B and is DDTC registered to support customers worldwide. Microwave Components is also compliant to cyber security mandates FAR 52.204-21 and DFAR 252.204-7012



 **Amphenol-RF** (including the former Amphenol Connex) is the world's largest manufacturer of coaxial connectors for use in radio requencey, microwave, and data transmission system applications.

 **Carlisle Interconnect Technologies Inc.** is the world's largest semi-rigid coaxial cable manufacturer. Carlisle IT designs and manufactures high-reliability wire and cable for signal transmission on defense, space and satellite platforms, and high-end industrial equipment.

 **Chelton**. Securing success in some of the world's most demanding environments isn't just down to Chelton's failsafe, pioneering antennas technology. From aerospace and defence communications through to navigation and electronic warfare, it's all driven by the people behind it.

 **Cobham Advanced Electronic Solutions** technology pioneers the future and underpins many of the world's most critical missions. Our RF, microwave and millimeterwave solutions enable missile defense radars and missile seekers, electronic warfare systems

 **Cobham Microwave Solutions** Cobham is a world leading manufacturer of microwave isolators and circulators, loads and phase shifters for space, defence, industrial and scientific applications.

 **Corning** has over 50 years of leading-edge design experience, and exceeds industry standards with high performance coaxial connectors for broadband telecommunication and microwave systems.

 **Custom Cable Assemblies** mission is to provide quality cable assemblies at a reasonable price in a reasonable amount of time to all our customers worldwide, and to be known as a reputable and trustworthy international source of quality cable assemblies.

 **CW Industries** supplies leading industrial, consumer and defense electronics manufacturers with complex electromechanical slide, rocker and push button switches; insulation displacement and MIL SPEC connectors; and a variety of custom switches.

 **Delta Electronics Manufacturing Corp.** delivers precision interconnect and innovative solutions to a broad range of industries where reliability, performance, and durability are important. Delta products are found in mission critical systems across our nation's armed services and platforms.

 **Dynawave** has a full range of cable and connector manufacturing capabilities employed to deliver custom cable solutions. Our fully equipped machining center supports fast turn prototypes and production runs.

 **Gaia Converter** is recognized as a leading manufacturer of High-Reliability-DC -DC Converter products, PFC Front Endmodules and related input protection devices. We developed over 3500 off-the shelf (COTS) solutions for aerospace, military, transportation and industrial applications.

 **Huber+Suohner Inc. Astrolab** Since its founding in 1961, H+S and Astrolab, Inc.design and build connectors, cables and cable assemblies. Astrolab is active in markets like space & defense and offers high end radio frequency solutions for industrial markets.

 **Inductor Supply Inc.** is a world leader in the design, manufacture and supply of inductors, coils, chokes, transformers and related magnetic components for the electronics community. We have built our reputation by creating quality products at a reasonable cost, and delivering them on time.

 **Insulated Wire (IW)** Founded in 1970, IW developed a unique PTFE lamination process and applied it to manufacturing wire, cable and cable assemblies. This process allowed IW to manufacture products of unprecedented reliability along with smaller diameters.

 **JFW Industries Inc.** manufactures attenuation and RF switching products. Our attenuation offerings include fixed attenuators, manual attenuators, step attenuators and rack mounted attenuator test systems. Switching products include solid-state switches, electromechanical switches, RF matrix switches and RF switch assemblies.

 **Knowles Capacitors.** Our products [**Johanson, Novacap, Syfer, Voltronics, and Dielectric Labs(DLI)**] can be found in every corner of the world, from 8000 ft below the earth's surface to orbiting 254 miles above us on the ISS. We are a specialty components manufacturer, taking on the complex challenges that come with High Reliability, High Temperature, High Performance solutions.

 **MECA Electronics Inc.** designs and manufactures an extensive line of RF/Microwave components with industry leading performance: fixed attenuators, directional couplers, hybrid couplers, isolators/circulators, power divider/combiners, RF loads, DC blocks, bias tees, adapters & cables.

 **MCI Coil.** As a leading manufacturer of air coils for microelectronics applications, Microwave Components, Inc. offers a comprehensive line of standard components as well as components that are custom engineered to meet the widest possible range of inductance requirements.

 **Nextek Inc.** is an excellence-oriented engineering company that provides best-in-class lightning protection, and EMC power conditioning products and services. Our technical resources solve customers' EMC challenges by providing cost effective, high-quality, high-performance products and services.

 **Radiall** supplies RF/microwave products that customers can trust for unrivaled repeatability and reliable performance. That's why we've invested in facilities around the world that specialize in manufacturing capabilities critical to manufacturing the finest interconnect components to support the most demanding applications.

 **SV Microwave**, a world leader in the RF/Microwave industry, with over 50 years of proven performance, designs and manufactures RF/Microwave coaxial connectors, cable assemblies and passive components designed for military, IoT, 5G, satellite, high speed, aerospace, and telecommunications.

 **TE Connectivity** RF and coax connectors feature impedance matched designs and microminiature interfaces, with the ruggedness to help withstand high-use in harsh environments. TE's RF coaxial combines the best products from industry leading brand names like AMP, M/A-COM, GREENPAR, and SIEMENS.

 **Times Microwave Systems Inc.** is the leader in coaxial transmission line technology and production. We provide transmission line solutions for military, aerospace, wireless communications and industrial applications, with unmatched engineering and manufacturing expertise.

 **Winchester/Kings/SRI Connector Gage** designs, develops and delivers the interconnect solutions that fuel customer success. *Winchester Interconnect™* specializes in quickly understanding customer requirements and developing precision-engineered interconnects to solve difficult connectivity challenges. *Kings-Win®* brand RF & microwave and fiber optic connectors are one of the most comprehensive and recognized connectors in the industry. *SRI Connector Gage* specializes in the design and manufacture of custom and standard connectors, adapters and interface gages. SRI's quality assurance program conforms to MIL-I-45208, along with record keeping, documentation and traceability in conformance to MIL-Q-9858.

 **XMA Corporation** is a global supplier of RF Microwave components, starting in 2003 with the acquisition of the Omni Spectra Connectorized, Attenuators, and Terminations products from Tyco Electronics, M/A-Com.