

PRODUCT OVERVIEW 2026



Adam Tech

40 Years of Quality, Service & Value

Our Promise

Adam Tech helps customers reduce sourcing complexity, control cost, and move from design concept to production with a broad component portfolio, global manufacturing capacity, responsive engineering support, and regional logistics coverage.

What We Do

- Connectivity Components & Cables
- Electromechanical Products
- Power & Protection Solutions
- Switches
- Custom Engineered Solutions

Global Presence

- World Headquarters: New Jersey, USA
- Asia Headquarters: New Taipei City, Taiwan
- Manufacturing locations across China, Vietnam, Malaysia, India and Thailand
- Regional sales and distribution network serving customers worldwide

Why Customers Choose Adam Tech

- Extensive product portfolio
- Customer centric approach, flexible and easy to work with
- Automated, high-quality manufacturing
- Competitive pricing and short lead times
- Cost effective design solutions and Engineering support from concept to production
- Global logistics footprint with regional support
- Certified quality management systems with dedicated quality engineering teams
- Continuous improvement in manufacturing, quality, and support



Adam Tech combines global manufacturing strength, engineering expertise, and rigorous quality standards to support customers worldwide.

Certifications



ISO 14001



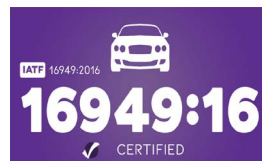
ISO 45001



ISO 9001:2015 - China



ISO 9001:2015 - Vietnam



IATF 16949



ISO 13485



USB-IF



UL (AXUT2.E224052) - Attachment Plugs, Fuseless



UL (AYVZ2.E224050) - Attachment Plugs with Overload Protection



UL (BBTH2.E537617) - Intercell and Intertier Connectors for Use in Electrochemical Battery System Applications



UL (DUXR2-E224049) - Communications, Audio/Video, Data, and Other Signaling-Circuit Accessories



UL (ECBT2-E224053) - Connectors for Use in Data, Signal, Control, and Power Applications



UL (ECBT8-E224053) - Connectors for Use in Data, Signal, Control and Power Applications Certified for Canada



UL (ELBZ.E256360) - Cord Sets and Power Supply Cords



UL (ELBZ7.E256360) - Cord Sets and Power Supply Cords Certified for Canada



UL (FFV12.E527051) - Electric Vehicle Plugs, Receptacles and Couplers - Component



UL (FOKR2.E547032) - Electromagnetic Interference Appliance Filters



UL (FOKY2.E244331) - Electromagnetic Interference Filters



UL (QQGQ2.E538449) - Power Supplies, Information Technology Equipment Including Electrical Business Equipment



UL (QQJQ2.E538449) - Power Supplies for Use with Audio/Video, Information and Communication Technology Equipment



UL (RFVW.E542871) - Electrical Quick Connect Terminals



UL (RFVW7.E542871) - Electrical Quick Connect Terminals for Canada



UL (RTRT2.E224051) - Receptacles for Plugs and Attachment Plugs



UL (RTRT8.E224051) - Receptacles for Plugs and Attachment Plugs Certified for Canada



UL (XCFR2.E333935) & UL (XCFR2.E498731) - Terminal Blocks



UL (XCFR8.E333935) & UL (XCFR8.E498731) - Terminal Blocks Certified for Canada



UL (ZMVB2.E542483) - Wire Connectors and Soldering Lugs



UL (ZMVB8.E542483) - Wire Connectors and Soldering Lugs Certified for Canada



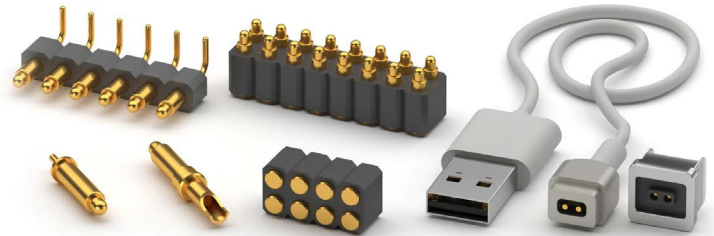
UL (ZPFV2.E537685) - Wiring Harnesses



WOYR2.E520713 - Switches, Appliance and Special Use

Spring Loaded Connectors, Pins, Pads & Magnetic Assemblies

Adam Tech Spring Loaded Pins consist of a specially designed barrel and steel spring in either a discrete form or integrated into an insulator carrier/magnetic assembly. They are used in many industries across a wide range of applications to make a secure, high reliability connection. This series is highly customizable to meet specific stroke lengths, heights, and electrical capabilities. High-temp plastics are used for our insulators and unlimited molding designs allow for many different shapes and styles to be created for specific applications.



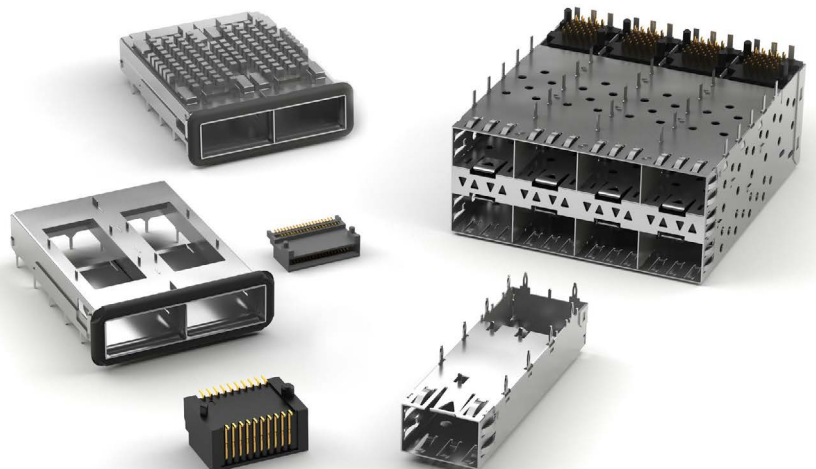
Modular Jacks & Plugs

Adam Tech MTJ series Modular Jacks are a complete line of PCB and wire ledged jacks which are UL and CSA approved and meet all required FCC rules and regulations. Adam Tech offers a multitude of sizes (4P2C thru 10P10C) with styles including single, ganged and stacked versions with options of ferrite or magnetic filtering and or metal shielding. Jacks with integral LED's and combination hybrids such as MTJ/USB jacks are also available. These jacks are available in thru-hole or SMT mounting.

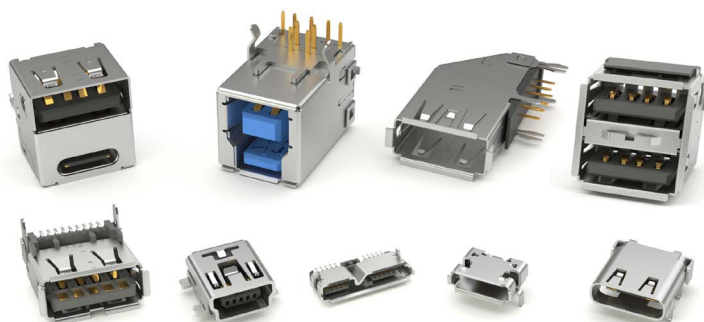


SFP & QSFP

Adam Tech Small Form Factor connectors and cages are a popular interface for telecommunications and data communications applications. Our 20 position surface mount connector interfaces to both fiber optic and copper networking modules. Our cages are manufactured in single port and multiport configurations. All of our cages are available in both press fit and through hole mounting.



Click on category title to view full product listing.

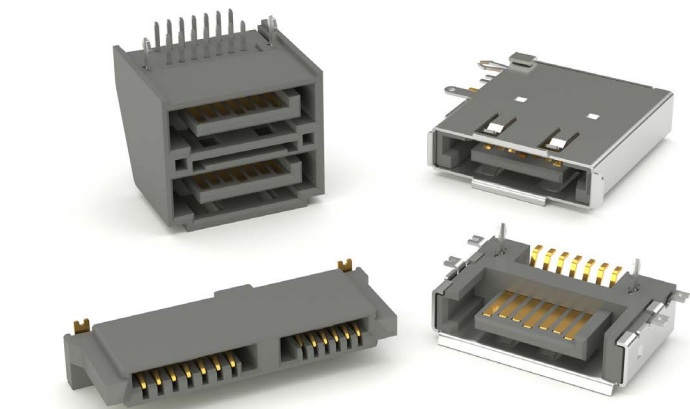


USB

USB, USB4, Mini USB, Micro USB and USB Type C 3.1 connectors are a complete line of shielded, hot pluggable, high speed I/O interface connectors available in a variety of body styles, sizes, positions and mounting orientations. Each is shielded for superior EMI/RFI protection and features spring contacts for exceptional connectivity properties. Specially designed shells with flares eliminate misconnection and kinked boardlocks add a strong, stable PCB attachment. Adam Tech also offers a wide range of USB cable assemblies, including USB4, compatible with our line of connectors and available in various lengths.

HSecurLinC USB Latching

Adam Tech's extensive line of USB products is further enhanced by our HSecurLinC USB Latching Connectors and Cables. This series is composed of USB Type-C (including USB4) and Mini USB products, each featuring a secure latch to ensure reliable connections between mated connectors and cables. These products are offered in speeds of 480Mbps, 5Gbps, and 40Gbps. Cable assembly configurations include male-to-male, female-to-female, and female-to-male, with right-angle options available. Additionally, Adam Tech has the capability to manufacture custom cables tailored to meet each customer's specific needs.



SATA Connectors

Adam Tech SATA and eSATA series Serial ATA connectors combine hot-plug capability with a combination of power and signal contacts in a blind-mate design. They are ideal for connecting disc drives to backplanes in servers or network equipment. Adam Tech SATA connectors are designed with differential-pair signaling technology and are precision manufactured to consistently perform at speeds up to 3.0 Gbits/s.

HDMI

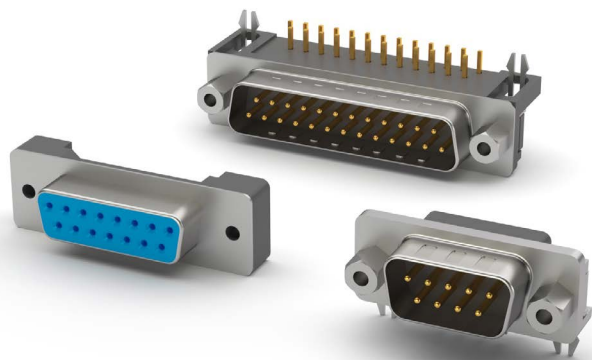
High Definition Multimedia Interface (HDMI) connectors and cable assemblies are a series of products that provide an uncompressed digital link between video and audio in a single digital interface connection. Typically they are used with digital versatile (DVD) players, digital televisions (DVI), set top boxes and other audio/visual devices to consolidate interfaces and eliminate multiple cable assemblies. HDMI connectors are small, easy to use interconnects that can carry up to 5 Gbps of combined video and audio in a single connector/cable.



Click on category title to view full product listing.

DisplayPort

Adam Tech DisplayPort series is a new high band width digital interface connection designed to provide true digital imaging while providing a multitude of colors and crystal clear sound through one small plug which can also supply power. There are four main links, one auxiliary channel and one hot-plug signal line. Adam Tech DisplayPort connectors are designed to work on a broad array of devices, including printers, televisions, camcorders, cameras, and DVD players. Our DisplayPort connectors are fully compatible with industry standards and are backwards compatible to VGA, DVI & HDMI.

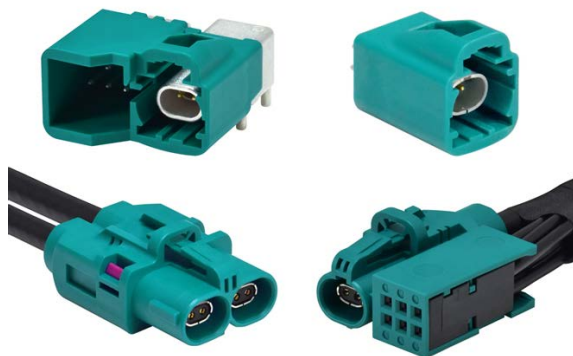


D-Sub Connectors

D-Subminiature connectors are available in each industry configuration including 9, 15, 25, 37, and 50 positions. A broad range of mounting styles and contact types are included within our D-Sub series including, but not limited to, Right Angle, Vertical, Slimline, and other body types. Contacts are precision stamped or machined for high reliability applications.

FAKRA Connectors

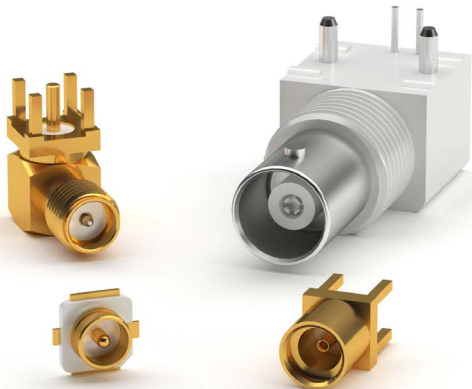
Adam Tech FAKRA Connectors (Fachkreis Automobil, a German standard) are SMB based automotive-grade connectors that can operate up to 6 GHz. These connectors are embedded within a special color-code plastic housing that contain a locking feature with an audible clicking noise which confirms the connection. We offer our FAKRA series in Standard, High Speed Data (HSD) and Mini styles. Each style comes with a range of configurability options to choose the appropriate keying for your application.



High Speed Modular Twisted-Pair Data (HT-X Series)

Adam Tech's High Speed Modular Twisted-Pair Data (HT-X Series) products are a fully shielded differential solution designed for high-speed automotive Ethernet. This new interface, composed of connectors and cable assemblies, transmits data in a robust automotive grade connection. The high-performance modular design of the system enables more flexibility in the quest to support next-generation devices. Adam Tech's HT-X Series includes various options, including port quantity, mounting, color-coded housing, locking, and waterproof.

Click on category title to view full product listing.



RF Connectors

Adam Tech's RF connector series are a comprehensive assortment of Radio Frequency Signal Connectors in standard, miniature, subminiature, micro miniature, and surface mount styles. Included are BNC, TNC, FME, FMA, SMA, SMB, N, F, PAL, UHF, Mini UHF, MCX, MMCX, MHF, W.FL, & 1.6/5.6 coupling versions. Each has a standard industry interface. Most are ideal for applications where size and weight are important in densely populated applications. All afford excellent RF characteristics.

RF Cable Assemblies & Antennas

Adam Tech RF Assemblies are available in a wide range of industry styles and types including IPEX, SMA, MCX, and BNC. They are available in numerous lengths, which may also be customized to your requirements. Our antennas follow industry leading trends and currently include 3G Embedded, WLAN External, GPS, LTE Embedded, WiFi, and other styles. RF cables are highly customizable and can be tailored to suit your application requirements.



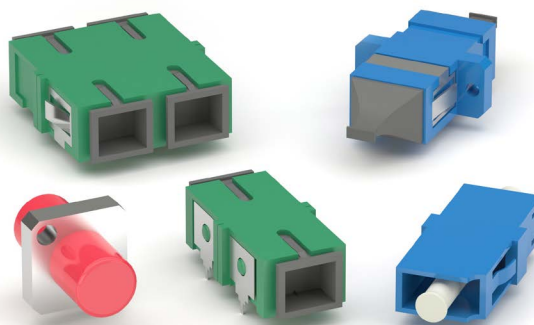
Circular Industrial Connectors - Waterproof, Ruggedized & High Current

Adam Tech's Waterproof Connector series is a broad range of M Style, Circular, and RJ45/USB mated sets with IP ratings ranging from IP66 – IP68. These connectors are offered in different pin counts and keying styles and can be used in many applications.



Fiber Optic Adapters

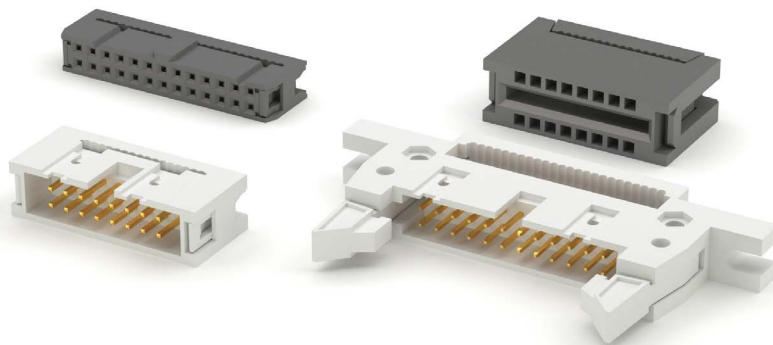
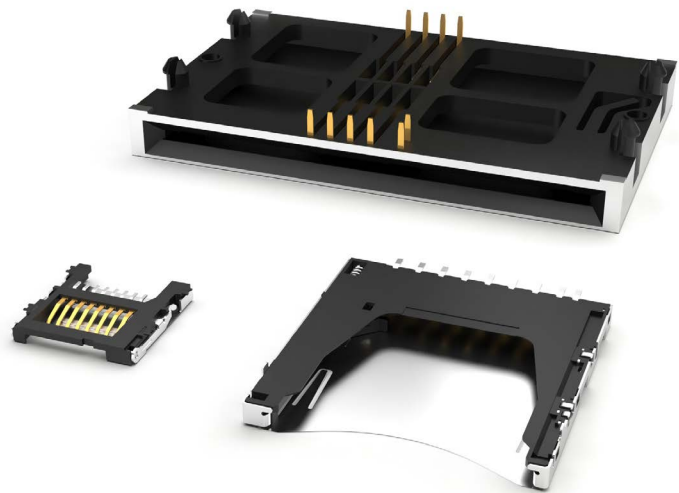
Adam Tech's Fiber Optic Adapters properly align the individual fibers of two patch cables during the mating process, ensuring reliable connections in optical communication systems. These adapters enable multiple devices to communicate simultaneously. Adam Tech's broad offering includes APC, FC, LC, MPO, PC, and SC adapters. Simplex, duplex, 4-plex, and 8-plex adapters are available to connect various quantities of fibers.



Click on category title to view full product listing.

Memory Connectors & Sockets

Adam Tech's Memory Connector Series is a complete range of memory sockets for most memory card applications including Compact Flash, PCMCIA, Memory Stick and Secure Digital. Our advanced designs are focused on their ease of use, mating accuracy, card retention and life cycle. Precision engineered, extremely durable mating contacts and PCB leads contribute to a solid, high reliability, long life design.

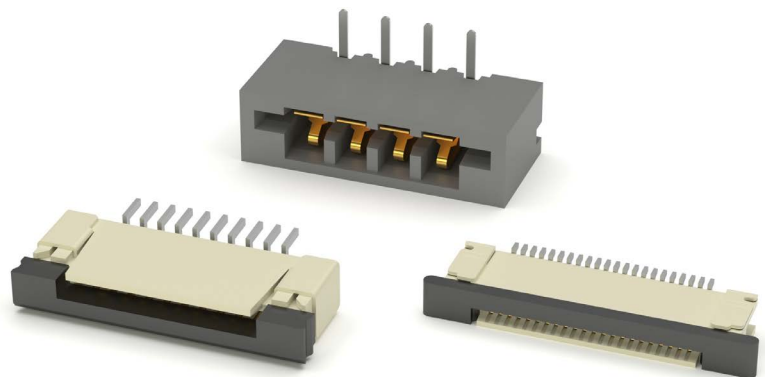


IDC Connectors

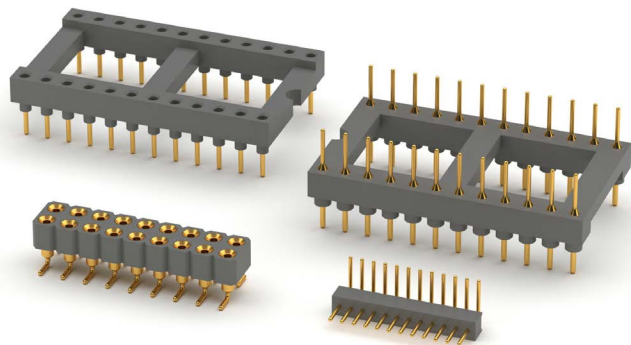
Insulation displacement termination connectors (IDC) are designed to terminate flat cable quickly and effectively in a wide variety of applications. These connectors are available in .050", .079" and .100" centerline spacing. The IDC termination style has migrated and been implemented into a wide range of connector styles because of its reliability and ease of use.

Flex Circuit Connectors

Adam Tech Flexible Flat Cable (FFC) connectors are ZIF (zero insertion force) and LIF (low insertion force) connectors designed to provide a reliable method of connecting flexible printed circuits to a PCB. LIF connectors are available in .020", .039", .049" and .100" centerline spacing and ZIF styles are available in .012", .020", .031", .039" and .049" centerline spacing. Both offer single and dual sided versions, in thru-hole or SMT mounting, and in vertical or horizontal orientation.



Click on category title to view full product listing.

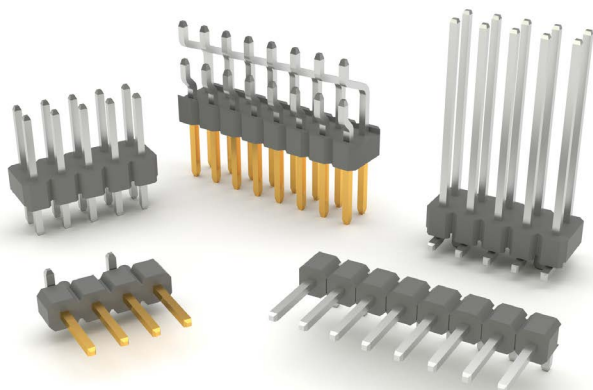
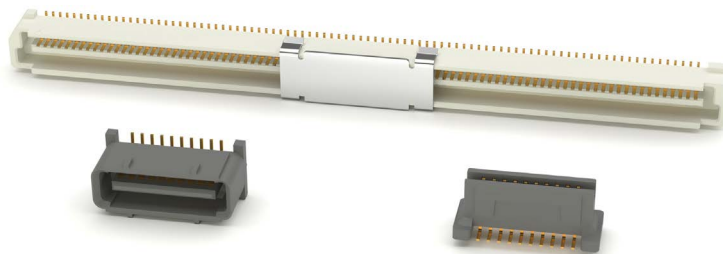


Machined Sockets & Headers

Machine Pin Sockets and Terminal Strips offer a full range of exceptional quality, high reliability DIP and SIP package Sockets and Terminal Strips. These sockets feature solid, precision turned sleeves with a closed bottom design to eliminate flux intrusion and solder wicking during soldering. The stamped spring copper insert provides an excellent connection and allows repeated insertion and withdrawals. Sockets are available in single or dual row in .039", .050", .078" and .100" centerline pin spacing with .300", .400" or .600" row spacing. Plating options include choice of gold, tin or selective gold plating. Our insulators are molded of UL94V-0 thermoplastic and both Sockets and Terminal Strips are XY stackable.

Board to Board & High Speed Board to Board

Adam Tech manufactures a wide range of application specific board stacking connectors which were designed and built to specific customer requirements. Our experienced staff has developed custom products in a variety of contact styles and stacking heights. Available pitches include .016", .020", .025", .031", .039" centerlines. Many designs are produced using automated manufacturing processes to increase reliability and provide significant cost savings.



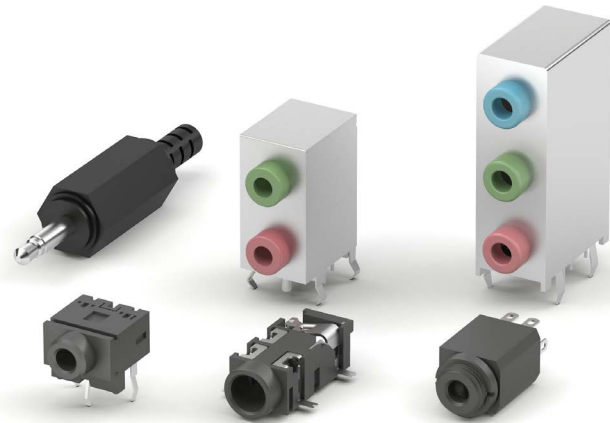
Pin Headers

Pin Headers are a full range of headers in a variety of configurations including Single, Dual and Three rows, Straight or Right Angle in Thru-Hole or SMT mounting. Available pitches include .050", .079" and .100" centerline. Their posts are smoothly finished and taper tipped to eliminate insertion damage to the PCB or mating connector. Pin Headers can be easily cut into exact sizes as required. Options include stacked insulator versions and choice of tin, gold or selective gold plating.

Click on category title to view full product listing.

DC Power Jacks & Plugs

DC Power Jacks are a complete line of miniature and sub-miniature power jacks primarily used for the transmission of wall current transformed to DC power for detached and hand held instruments. DC Power Jacks are manufactured with a variety of center pin sizes for all standard applications including 1.00mm, 1.30mm, 2.00mm and 2.50mm. Our contact is designed using a wide spring grade plated copper alloy for exceptional plug retention and low contact resistance.

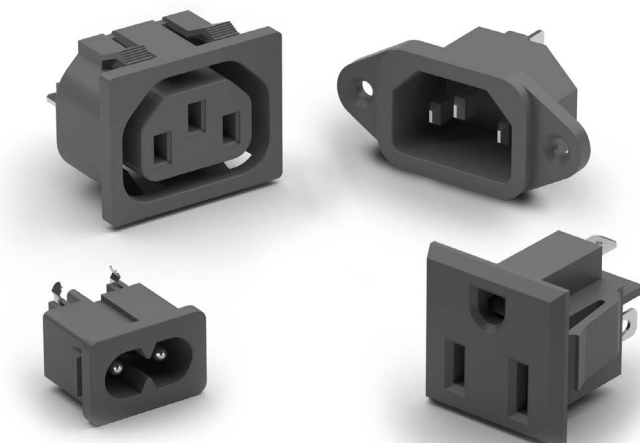


Audio Jacks & Plugs

Adam Tech ASJ Series Stereo Jacks are a broad range of 2.5 and 3.5mm jacks used primarily in computer and multi-media audio applications. This series provides a multitude of sizes and configurations that are available in single or multiple switching forms. Options include choice of plastic or metal reinforced bodies, single, stacked and ganged versions or color-coded jacks for port identification.

Waterproof Audio & DC Power Jacks

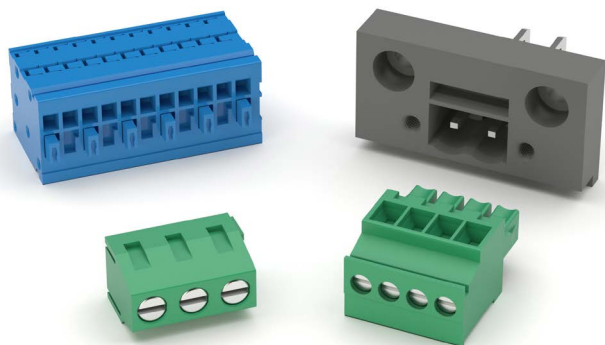
Adam Tech's Waterproof I/O & DC Charging connectors are a combination of IP67 and Splash Proof sealed designs intended for use in applications exposed to moisture, humidity and rain. Special seals, o-rings, and epoxy coatings are incorporated into this product line to achieve the listed ratings. Adam Tech offers full customization capabilities to waterproof body styles not seen in this catalog. Reach out to us today with your requirement and our team of design engineers will work hand in hand with you to create the solution you need.



AC Inlets & Outlets

Adam Tech IEC & Mini IEC series AC Inlets and Outlets are primary power receptacles designed, manufactured, tested and approved to UL, CSA, VDE and other applicable international specifications including IEC-60320 and CEE-22. Adam Tech offers a wide variety of body styles, shapes and orientations to accommodate most class I & II applications with two or three blade contacts in both IEC and Mini IEC configurations. Mounting choices include screw holes, snap-in versions, and four termination styles. Options of ganged ports or receptacles with integral fuse holders are also available.

Click on category title to view full product listing.

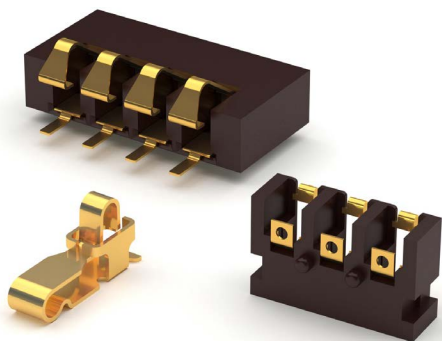


Euro Blocks

Adam Tech EB Series Euro Blocks are a broad range of PCB mounted blocks in various sizes and profiles with pitches of 2.50mm, 2.54mm, 3.50mm, 3.81mm, 3.96mm, 5.00mm, 5.08mm, 6.35mm, 7.50mm, 7.62mm, 9.25mm, 9.50mm, 10.00mm, 10.16mm, 12.50mm, 12.70mm and 15.00mm. Included are types that have wire entry from Top, Side, or Side Angle. Two piece 'pluggable' versions and 'Lever Actuated' styles are also available. Each contains a unique wire guard design and is precision manufactured for smooth operation and ease of use.

Terminal Blocks & Europa Strips

Terminal Blocks (also known as Barrier Blocks) & Europa Strips are a full range of Blocks which are most commonly used to terminate wires and eliminate splicing. They are offered in sixteen different centerlines from .250" to .630" with open or closed back options. Each is available for bulkhead or PCB mounting with choice of Straight or Right Angle PCB Terminals, Clip-tite and/or Turret Terminals. This series is manufactured from flexible thermoplastic and resists cracking and breaking. They are manufactured from Hi-Temp plastics and have current carrying capability up to 30 Amps.



Spring Connectors & Battery Systems

Adam Tech Spring Connectors, Battery Holders, Battery Snaps and Mobile Battery Connectors are designed to create connections and contain batteries in electronic equipment. This series includes battery holders and coin cell holders for AAA, AA, C, D, 9V and lithium coin cells. Adam Tech produces this series in a variety of terminations such as through hole PCB leads, SMT leads, wire leads and solder lugs. Custom lead lengths on wire configurations are also available.

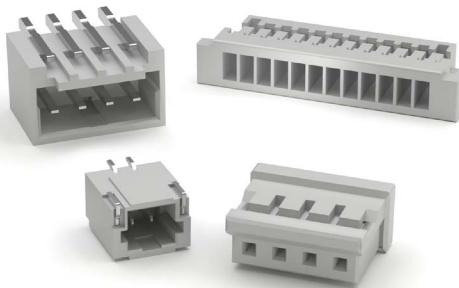
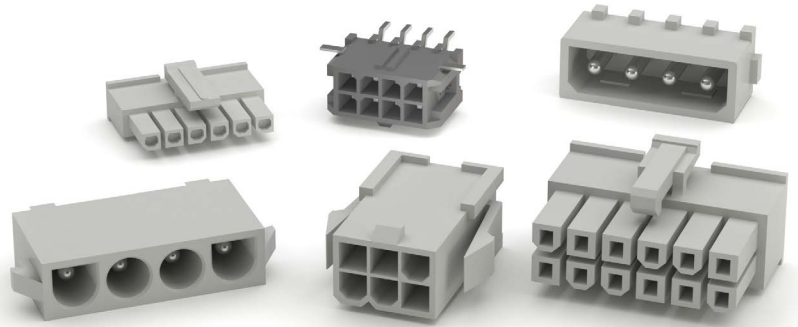
Click on category title to view full product listing.

Wire to Board & Wire to Wire Connectors and Systems

Adam Tech's Wire to Board & Wire to Wire connectors and systems are available in different terminations and sizes intended for use on a variety of applications. These connectors provide power and signal with different body styles, termination options, and centerlines.

Wire to Board Power

Adam Tech Wire to Board Power Connectors consist of a receptacle and plug set in a variety of single and multiple row configurations with .098", .100", .118", .137", .163", .165", .224" and .250" pitch centerlines. They are manufactured of Nylon 6/6 with a flammability rating of UL94V-2 or UL94V-0. This series is designed as a mated set with a PCB mounted header and a wire mounted socket which securely latches to header when mated. Our specially designed bodies provide polarization to eliminate mis-mating and our latching system resists heavy vibration. PCB mounted headers have molded pegs which align and brace the PCB tails for trouble free assembly and use.

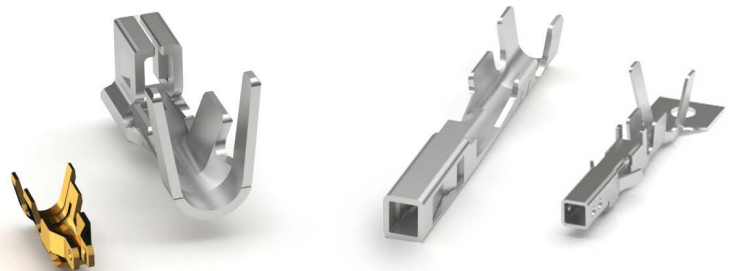


Miniature Disconnecting Wire to Board

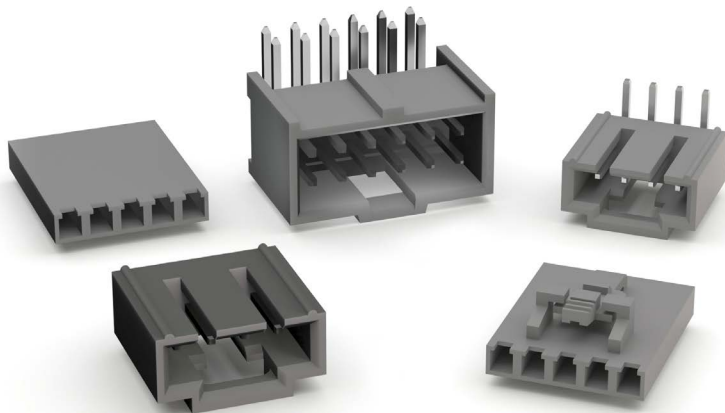
Adam Tech multiple pitch Headers and Housings are a matched set of Crimp Wire Housings and PCB mounted Shrouded Headers available in Straight, Right Angle or SMT orientation. Available pitches are .031", .039", .047", .049", .059", .079" and .098" centerlines. Offered in various popular industry standard styles they provide a lightweight, fine pitched, polarized, high reliability connection system.

Crimp Contacts

Adam Tech crimp contacts are designed for a variety of wire gauge options and insert smoothly into our Wire to Wire & Wire to Board housing components. Our crimp contacts are precision stamped and offered in a variety of plating options with different thicknesses to suit nearly any applicational requirement. Our design team is also able to offer complete turnkey services to design a new crimp contact to customer specifications.

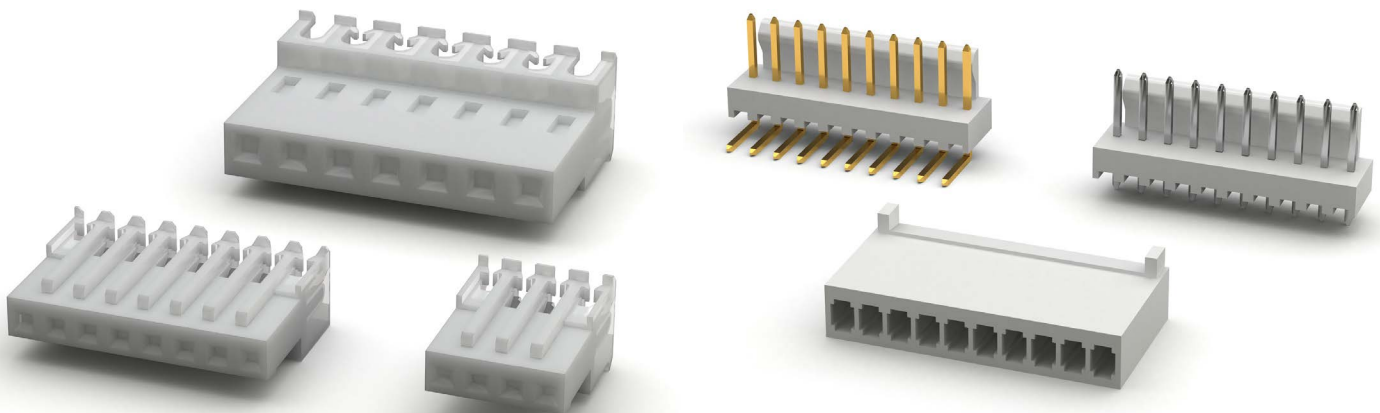


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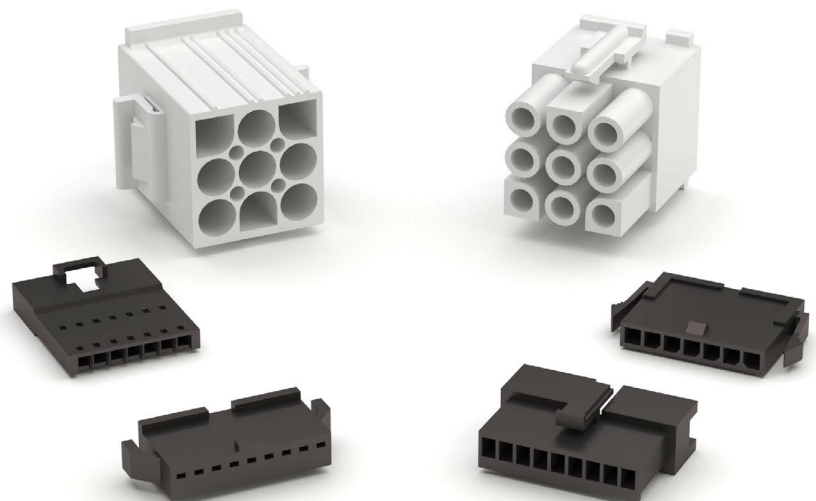
Disconnecting Wire to Board

Adam Tech Disconnecting Wire to Board series is a combination of various wire housings, board headers, and crimp terminals. The styles include Latching Types with .098", .100", .156" and .200" centerline, IDC termination styles with .100" & .156" centerlines, and locking designs with friction ramps for secure fits.



Wire to Wire Power

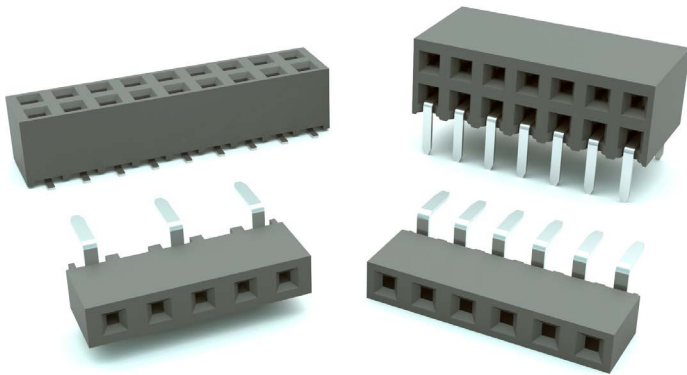
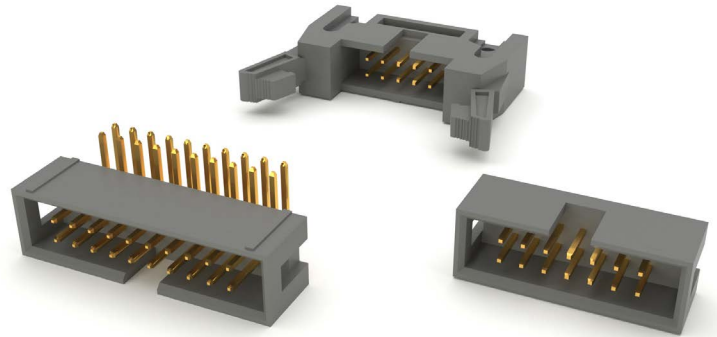
Adam Tech Wire to Wire Power connectors are sets of wire mounted plugs and receptacles with crimp contacts. These sets mate with locking clips or latches for a secure fit. They are suited for a range of wire types and gauges and provide a reliable easy-mate connection. Available Centerlines are .098", .118", .145", .177", .198", .250" and .264" for nearly any application. UL94V-2 or UL04V-0 plastics are used to satisfy flammability requirements.



Click on category title to view full product listing.

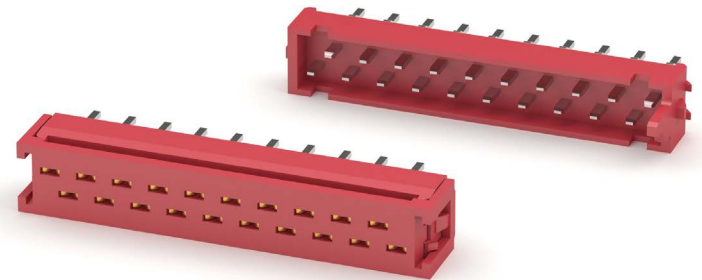
Shrouded & Latching Headers

Adam Tech Shrouded and Latching Headers are a dual row shrouded header for use with dual row IDC female socket connectors. Our low profile, space saving design has a center slot for the socket's polarization bump. Adam Tech's Box Headers are available in Straight PCB Mount, Right Angle PCB Mount and SMT Mounting. Available pitches are .050", .079" and .100" centerlines. Plating options include choice of Gold, Tin or Selective Gold. SMT versions are manufactured with a Hi-Temp insulator. Additional options include latches and custom pin lengths.



Receptacle Strips

Receptacle Strips are a series of sockets offered in a multitude of sizes and profiles designed to satisfy most socket requirements and a range of mounting orientations. Available pitches are .050", .079" and .100" centerlines. Each type has a specially designed contact system which uses a wiping mating action and produces a high normal force connection with gold, tin or selective gold plating. All are available with Standard or Hi-Temp Thermoplastic insulators.



Mini Flex Connectors

Adam Tech's Mini-Flex series of connectors includes cable to board, wire to board and board to board choices. This .050" pitch series is designed with a dual contact point mating system and an array of locating posts and PCB pegs for positive alignment and friction lock mating. Rigid, staggered solder tails provide excellent stability for rugged use and feature kinked tails for PCB retention.



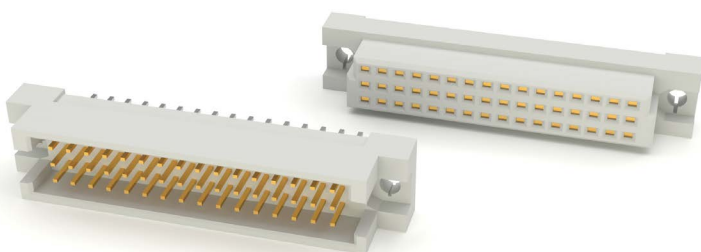
Circular DIN Connectors & Plugs

Adam Tech Circular, Power, and Mini DIN Jacks continue to be a popular, high density, low cost, low profile interconnect solution. Available in a multitude of styles and configurations, they are able to satisfy a broad range of applications. This series offers jacks in 3 thru 9 positions with straight, right angle or panel mounting, in addition to the choice of four different shielding and panel grounding options. Color-coded jacks for port identification are also available. Adam Tech's special contact design offers a high reliability connection with extremely low contact resistance.

Click on category title to view full product listing.

Automotive Connectors

Automotive Connectors manufactured in our TS-16940 (IATF) certified facility are state of the art solutions to connect a variety of Automotive applications. This specialized series of Automotive board headers and pin strips achieve suitability for a wide range of applications. Our success with automotive connectors and cables is heavily "Custom Solution Based." The bulk of Adam Tech's Automotive expertise is centered around developing custom Automotive solutions not available elsewhere on the market. Many of our customers will submit to us a sketch of a specialized auto connector that requires design and tooling. Our team of engineers will develop a custom design tailored specifically to your application. For more details, submit a "Custom Solution" request through our Website Inquiry Form.

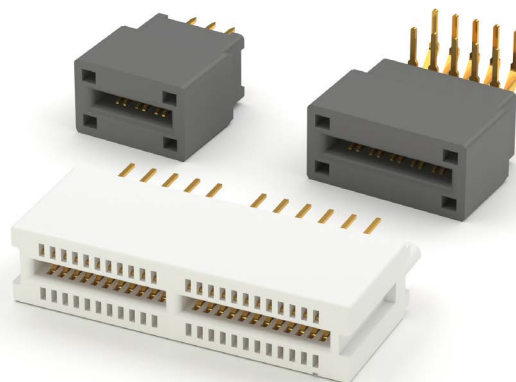


DIN 41612 Connectors

Adam Tech DIN 41612 Connectors are a versatile two piece PCB connector set with features useful for many applications including connections for plug-in card and back-panel wiring, PCB to PCB attachment and peripheral connections for external interfaces. Features include a multitude of body sizes and styles with options that include selective contact loading, make and break contacts, contact lead length choices and contact plating variations each in .100" [2.54mm] or .200" [5.08mm] centerline spacing.

Card Edge Connectors

Adam Tech CE Series Card Edge Connectors are precision engineered PCB mount connectors developed to mate with the plated fingers of a printed circuit daughter board. Their bifurcated, cantilever contacts are set in a dual readout configuration and they offer a reliable connection for a wide range of PCB thicknesses. Adam Tech's sturdy solder tails with tapers allow easy insertion and rugged durability.



Click on category title to view full product listing.

Flat Flex Cable Assemblies

Adam Tech Flat Flex Cables (FFC) are available in a wide variety of options including 0.50mm – 2mm centerline spacing, nearly any length or contact number required, and configurability of contacts location on same side, alternate sides, or a combination of both.

Our FFC series is fully customizable with regard to any of the features above including also the ability to specify exactly which contacts (terminals) you require for your application. Reach out to us today to get started on your design.



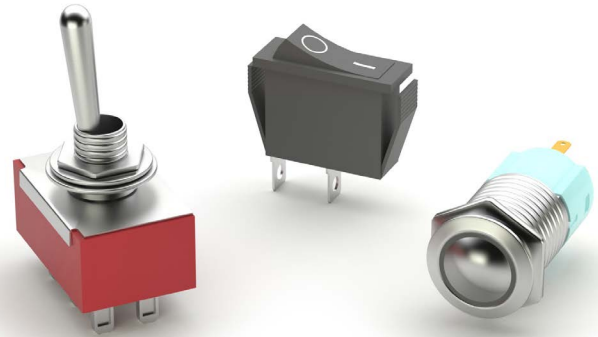
Fuse Holders

Adam Tech Fuseholders are fully enclosed in Hi Temp thermoplastic with integrated .250" Male Quick Connect terminals on either side. The unique plastic enclosure offers a stacking side mount option to integrate a series of fuseholders side by side. Available in 0.50, 3, and 6 Amp options, Adam Tech fuseholders are an efficient option for protecting your application.



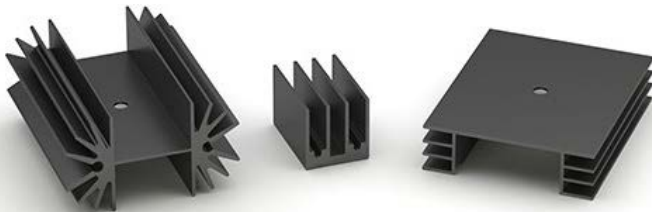
Switches

Available in Toggle, Rocker, Keylock & Pushbutton styles, switches can be integrated into a wide range of market applications. Our switches product line is designed to integrate seamlessly with many of our electronic connector components to offer a full solution for your application.



Board Level Heat Sinks

Adam Tech's Board Level Heat Sinks ensure optimal device performance by efficiently dissipating heat generated by components on a device's PCB (printed circuit boards). Composed of aluminum, a highly thermally conductive material, they effectively transfer heat by radiating it into the air, cooling the device. Their large, finned surface area enhances airflow for natural convection heat dissipation, making them ideal for applications requiring temperature regulation. Their lightweight, compact design makes them perfect for applications with limited space, and suitable for common TO-220, TO-247 and SOT-32 component packages. With customizable options and easy installation methods, Adam Tech's board level heat sinks offer a cost-effective solution for improving thermal performance in various electronic devices.



Click on category title to view full product listing.



Line Cord Couplers & Keystone Jacks

Adam Tech Line Cord Couplers and Keystone Jacks are available in industry standard housing sizes of 6 and 8 positions. We offer shielded and non-shielded options, both of which are suitable for a wide range of applications. Our keystone jacks support speeds up to Cat5E and CAT6.

Electric Vehicle Chargers

Adam Tech's EV Charger Cables provide a durable and efficient solution to electric vehicle charging. Both Type 1 and Type 2 plugs are available to meet multiple EV charging needs. Equipped with cable lengths of 3 and 5 meters, vehicles can be charged from a variety of distances. All Adam Tech EV chargers are TUV safety approved. NACS chargers are also available, offering some of the fastest speeds in the industry, and compatible with top Electric Vehicle brands. Adam Tech is committed to providing reliable and cost effective charging solutions to the growing electric vehicle industry.



I/O Cable Assemblies

Adam Tech standard cable assemblies provide system designers with a comprehensive assortment of cable solutions for both power and signal applications in the telecom, datacom, industrial, healthcare and consumer industries. Our product offering includes USB, USB with latches, HDMI, D-Sub, VGA, DVI, DisplayPort, Power Cords & Cat5e, Cat6, Cat6a, Cat7 and Cat7a.

Click on category title to view full product listing.

Push Pull Connectors

Adam Tech's comprehensive line of Push Pull Connectors consists of metal and plastic connectors, elbow sockets, and bend reliefs. Each product type is offered in a variety of options, including positions, mounting, and size. Specialty waterproof push pull connectors are also available with ratings of IP67 and IP68. Adam Tech Push Pull Connectors are ideal for any application requiring easy, secure connections.



Power Line Filters

Adam Tech's EMI/RFI Power Line Filters are designed to suppress or eliminate incoming electromagnetic interference of high-frequency signals and noise. This allows devices to run without interruption. This broad product line offers voltage ratings of 115/250VAC for standard versions, and 440/520VAC or 520/760VAC for high power versions. Current ratings range all the way from 1A to 2500A. A variety of options are available, including mounting, termination, fuses, and switches.



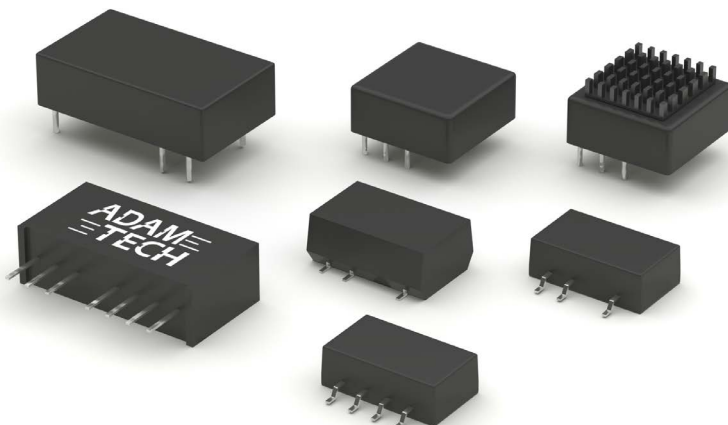
Transceivers

Adam Tech's Fiber Optic Transceivers transmit and receive data with speed and reliability. This diverse product line includes SFP, SFP+, SFP28, QSFP+, and QSFP28 pluggable modules. With data rates ranging from 1.25G to 100G and transmissions between 10km and 100m, a wide range of applications are covered. Most of the offering is composed of single fiber bidirectional transceivers, whose paired A and B parts transmit and receive in two different directions of the center wavelength to cooperatively achieve bi-directional transmission of optical signals on a fiber.



Power Converters

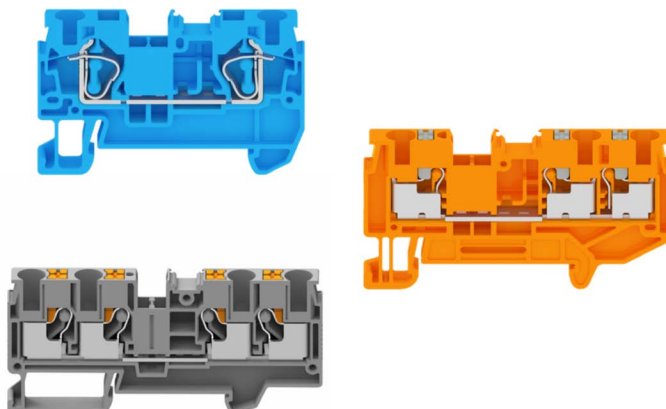
Adam Tech's offering consists of both DC-DC and AC-DC Converters. DC-DC Converters convert direct current from one voltage level to another. While AC-DC Converters convert alternating current into direct current. These products are ideal for applications that utilize the cooperation of different voltage levels and electric currents. This product line is equipped to accommodate these various applications, supporting a wide range of watts, voltages, and currents. In addition, Adam Tech possesses the ability to manufacture custom converters to meet every customer's needs.



[Click on category title to view full product listing.](#)

DIN Rail Terminal Blocks

Adam Tech's REB Series DIN Rail Terminal Blocks are ideal for connecting conductors safely and reliably to DIN Rails. The series consists of feed-through terminal blocks offered in different configurations. Each configuration is available in a variety of options, including terminal width, wire gauge, and color. Compatible covers/caps are also available, providing additional insulation to protect the terminal blocks from damage.

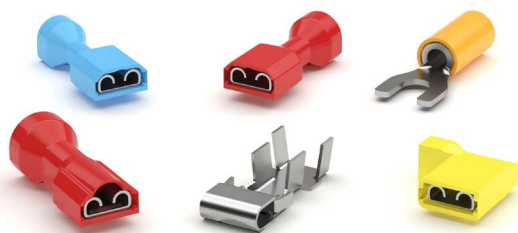


Energy Storage Connectors

Adam Tech's ESF/ESM Series Energy Storage Connectors provide a critical link between battery modules. This link ensures safe and reliable connections in energy storage systems, such as electric vehicle charging, renewable energy devices, and both industrial and consumer energy storage. The series is composed of various mated pairs, offered in both orange and black. Various voltage ratings, current ratings, and wire gauges are supported, making this series compatible with a wide range of applications.

Cable Accessories (Heat Shrink Tubing, Cable Glands & Hand Tools)

Adam Tech's vast line of cable assemblies is further enhanced with a wide offering of accessories. IP68 plastic and metal cable glands headline this series, with their ability to effectively seal and connect cables to a device. There is also an expansive offering of Heat Shrink Tubing, which includes standard, dual wall, high voltage, and medical grade. An RF crimp tool kit is available, equipped with a ratchet crimper, cable cutter, cable stripper and full die set. Lastly, there are various hand tools available, compatible with a wide range of products.



Terminals & Stampings

Adam Tech's Terminals and Stampings are suitable for use in a wide range of applications. The offering is composed of quick disconnect, receptacle cluster, and spade terminals, as well as a variety of stampings. Various terminal widths and wire gauges are supported, accompanied by options such as termination, insulation, and plating.

Secur-Seal Wire-to-Wire Connectors

Adam Tech's Secur-Seal Wire-to-Wire Connectors provide sealed waterproof protection to a variety of harsh environment applications. This series is composed of securely latched connector housings ranging from two to six positions, various AWG terminal sets, and wire seals. They provide sealed IP67 waterproof protection and accommodate various current ratings and wire gauge ranges. Their compact size further enhances their application compatibility. Custom connector and cable assembly options are welcomed.



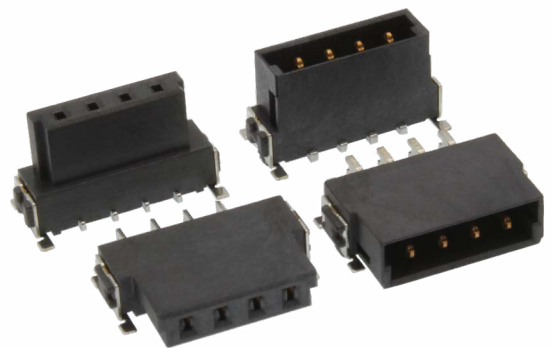
High Current Terminals (HCT Series)

Adam Tech's High Current Terminals deliver dependable, high-current electrical connections between wires and PCBs, with versatile press-fit and through-hole mounting options to accommodate a wide range of power applications. Manufactured from C3604 brass and phosphor bronze, these rugged terminals feature matte tin and tin plating for excellent corrosion resistance and optimal conductivity. Engineered to support currents of up to 250A, they are ideal for use on thick, high-copper PCBs, offering gas-tight, mechanically secure connections without the need for thermal processing, eliminating concerns like cold solder joints while significantly enhancing long-term reliability. Their robust design enables double-sided PCB mounting and compact, high-density layouts, making them an excellent choice for demanding applications in industrial, automotive, and power electronics. Available in M3, M4, M5, and M6 screw sizes, these terminals offer the flexibility and strength needed for today's most power-intensive designs.



ESMC Board-to-Board Connectors

Adam Tech's ESMC Series delivers dependable, high-performance board-to-board connectivity in compact pitch designs, including 2.54mm power and 1.27mm signal configurations, engineered to meet a wide range of PCB requirements. The ESMC Power Series is available in 2 to 12 positions, with each precision-formed contact supporting up to 24A for stable, high-current transmission, while the 1.27mm ESMC Signal Series offers versatile stacking and coplanar solutions available in 2 to 80 positions. Together, these connectors support parallel, perpendicular, and side-by-side board arrangements, with vertical and right-angle orientations, as well as low, mid, and high profile options. Featuring selective gold plating and robust terminal structures, the ESMC family ensures excellent conductivity, mechanical strength, and long-term reliability. SMT or SMT-DIP mounting options, plug and socket configurations, pick-and-place caps, and tape-and-reel packaging simplify layout, integration, and automated assembly, making the ESMC series ideal for consumer electronics, industrial equipment, medical devices, and other demanding applications.



Engineering Custom Connectivity

From concept to production, Adam Tech delivers application-specific custom solutions that can be developed rapidly, optimized for performance, and offered at an affordable cost.

Adam Tech - Custom Solution Experts

Our technical expertise, enthusiasm for solving complex challenges, and unwavering commitment to customer satisfaction have established custom solutions as a core strength of Adam Tech. We are consistently recognized by our customers as one of the most responsive and capable partners for custom and modified solutions.



40 YEAR EXPERIENCE

Over 40 years of expertise delivering reliable interconnect solutions across automotive, industrial, and advanced electronics applications.



ENGINEERED FOR EXCELLENCE

Professional engineering and quality-driven, Adam Tech delivers reliable, high-performance interconnect solutions for automotive applications.



1000+ SUCCESSFUL DESIGNS

A trusted partner for custom solutions, with proven capabilities refined through thousands of successful application-specific designs.

Certification

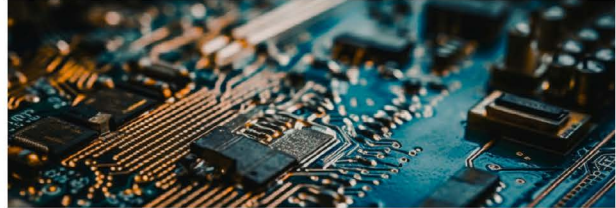
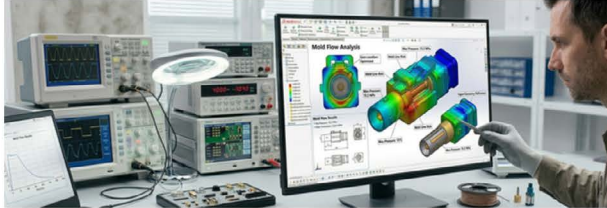
The pinnacle of Adam Tech's standards is quality. Adam Tech maintains the most stringent quality and compliance standards to support the most demanding industries. Our production facilities feature the following:

- IATF 16949 (Automotive)
- ISO 13485 (Medical)
- ISO 9001:15 (Quality Systems)
- ISO 45001:18 (Occupational Health & Safety)
- ISO 14001:15 (Environmental Management)
- RoHS compliant (no exemptions)
- REACH compliant (no exemptions)
- UL, VDE, CE (as applicable)



Integrated Design & Manufacturing Expertise

Delivering seamless integration from concept to mass production through advanced engineering and manufacturing capabilities.



Concept & Innovation

- Customer Requirements
- Analysis & Concept Definition
- IP & Patent Research (WISPRO)
- Simulation & Feasibility Validation
- Cost-Optimized Design Strategy

Engineering Design

- Material & Component Engineering
- 2D / 3D Design & Modeling
- Rapid Prototyping
- Design Verification & Validation
- DFM / DFMEA Implementation
- Value Engineering (VA/VE)
- Supporting Capabilities:
 - Signal Integrity (SI)
 - Optical Design
 - Waterproof Sealing
 - Thermal Management
 - EMI Shielding

Manufacturing Excellence

- Manufacturing Process Design & Flow Planning
- Equipment Selection & Tooling Development
- Core In-House Processes: (Stamping, Injection Molding, Die Casting)
- Production Line Setup & Automation
- PFMEA & Control Plan Implementation
- Dedicated Automation Engineering Team

Quality Assurance

- Mechanical, Electrical, Signal Environmental Testing
- 100% In-Line Optical Inspection
- Automated Tape & Reel Packaging
- Reliability & Compliance Verification

Benefits and Support

Extensive Product Portfolio & Competitive Pricing

- Highly competitive pricing with consistent value and performance
- Broad portfolio supporting collaborative design optimization
- Flexible minimum order quantities (MOQs)
- Comprehensive coverage across applications

Custom Design & Engineering Solutions

- Customer-specific tooling development
- Solutions tailored to your application
- Cost-effective design proposals
- Concept and prototype support
- Full design-in and development support

Agile Supply Chain & Short Lead Times

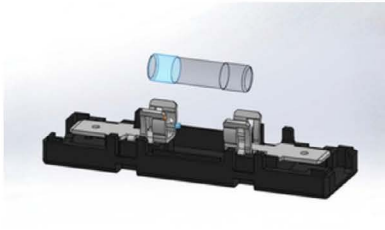
- Vertically integrated for speed and control
- Regional support across Americas, Europe, and Asia
- Strong distribution network for availability

Responsive & Global Customer Support

- Fast response and sample turnaround
- Flexible, customer-aligned processes
- 24/7 global sales and engineering support



Custom Product Development



APQP / Project Planning

Overall quality and development framework establishment

- APQP (Advanced Product Quality Planning)
- P-FMEA (Process Failure Mode & Effects Analysis)
- Establish project quality and risk strategy
- Define development phases and key delivery milestones

Project Communication & Early Involvement

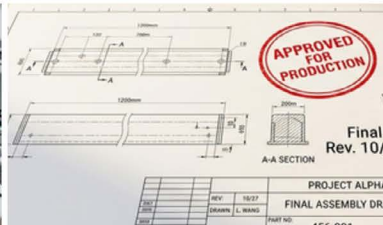
Early-stage communication and requirement integration

- Early involvement with customers / requirements capture
- Specification confirmation
- Preliminary drawing review
- Quality requirements definition
- Business terms alignment
- Establish cross-functional communication mechanism

DFM → EVT → DVT Integrated Validation Flow

A continuous development process that ensures manufacturability from the design stage through functional, electrical, and compliance validation

- DFM: Manufacturability, cost, and process optimization (early alignment between design and manufacturing)
- EVT: Prototype development and basic functional/electrical validation (initial design verification and issue correction)
- DVT: Full electrical and standards compliance validation (final confirmation of design stability)



PVT (Production Validation)

- PVT (Production Validation Test)
- Pilot production run
- Manufacturing process stability validation
- Mass production consistency verification

Customer Approval

- PPAP (Production Part Approval Process)
- Final customer approval

Project Closure/EOL

- EOL (End-of-Life) management
- Joint project review
- Feedback loop and lessons learned
- Input for next-generation product development

Talk to our custom solution experts today and discover how Adam Tech can turn your application requirements into a production-ready solution.





To contact us, scan the QR
code to reach our website
inquiry form.

adam-tech.com

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