

EDAC

QUALITY AND SERVICE



EDAC is committed to providing its customers with products that are of a high quality, are competitively priced, and delivered on time. Our quality control commitment is utilized throughout our operations under ISO 9001. Our internal ISO 9001 team ensures that our quality control standards are followed at all times, and all operations are routinely audited.

OUR custom engineered solutions are also subject to our precise quality standards and our variable manufacturing system. Custom products can often be manufactured at a price comparable to a standard product, within a time window that has about the same delivery as a standard product, and with a level of quality that is the same as our standard products.

The Americas

161 Alden Road
Units 7 & 8
Markham, Ontario
L3R 3W7
Canada

Phone: 416-754-3322
Fax: 416-754-3299

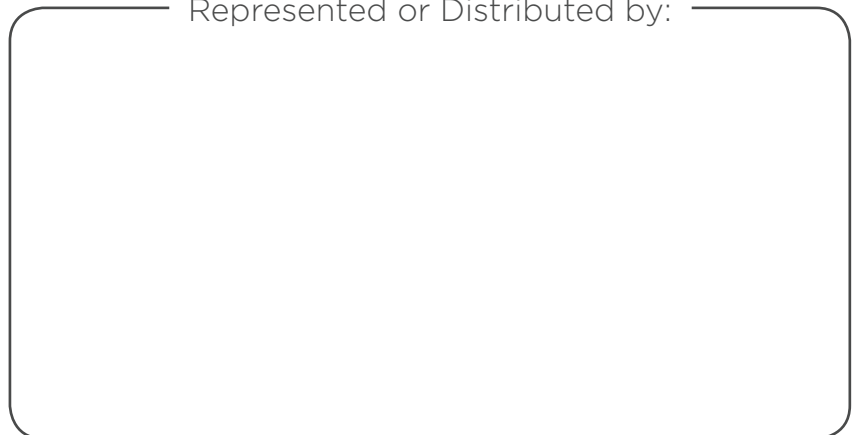
All Enquiries:
customerservice@edac.net

Please visit our website at:

www.edac.net



Represented or Distributed by:



EDAC

EDAC

Connect with Us...
Experience Makes
the Difference



Standard Products and
Custom Engineered Solutions

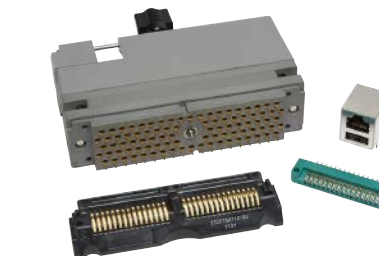
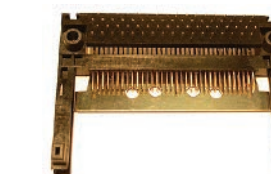
EDAC

CUSTOM ENGINEERED SOLUTIONS

OUR engineering team can create from a concept to a completed drawing typically with 24 hours, and we can produce accurate samples in as little as two weeks. Virtually every product Edac makes can be customized into a wide variety of custom styles. Perhaps you need pin headers that are color coded. Or you would like RJ45s with an unusual color combination of LEDs. Maybe

you need a pin compliant press-fit connector with a build-in make before break (MBB) capability, to allow for backup systems to activate as a circuit board is pulled from an active critical system. Perhaps you need a card edge connector that is not listed as one of the 435,000 variations that are available from Edac, or maybe you are looking for a special PDA cable assembly, or a

D-Subminiature with an extra long frame. These items, and many others, have been successfully engineered by Edac and can be found today on some of the most common and advanced products around the world.



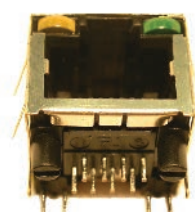
EDAC has extensive experience and success in the design and engineering of economical interconnect products. For over 45 years, our North American offices have been creating custom engineered solutions for a wide variety of applications and a broad base of customers. Today, we combine the advantages of our North American engineering with our Asian-based high-volume manufacturing capability. This combination produces parts that have been manufactured economically but engineered to the strict standards of Europe and North America. This results in products of high quality and low price. We can often produce custom products faster and cheaper than other manufacturers can for their standard products. We will often provide custom solutions to those who cannot get custom product from their traditional suppliers. Edacs' custom engineering capability is well known and well accepted in the electronics marketplace, because we provide cost-effective superior-quality solutions.

OUR engineers can visit your site to assist you in determining your needs in complex applications. We can perform the product process from initial design and drawings, through to tooling, dies, molds, stamping, production, assembly, marking, quality control, packing, and shipping.

If you require a high-volume and/or custom solution for an interconnect device, just give Edac a call. Please view the product families in this brochure to see what we do best. All of these families have a range of standard products that are available off-the-shelf through our global distribution network. All of these products can be customized to your needs by our factory network, and delivered to your door anywhere in the world.

Please visit our Design Centre at www.edac.net and customize a connector to your application.

Select 3-D models from 25 different file formats for immediate download. Use the stock check function to check distribution partners inventory and order product on line.



EDAC has an experienced team of quality assurance technicians based in both Asia and North America. These technical teams perform continuous test and measurement of all finished products as they are manufactured. Edacs' quality assurance labs utilize the latest machines to perform these test procedures, and inspection staff are continuously involved in physically inspecting every part. All products manufactured and exported from Asia are tested twice through two separate Edac facilities - one in Taiwan and one in Canada - to ensure that the products meet rigorous North American and European quality standards.

EDAC's manufacturing resources include an integrated facility capable of high volume production with precision molding, stamping, plating, and assembly. Quality control extends to our tools, dies and molds. Tool design and maintenance is controlled by Edac, as is all the dies and molds used to make our products. Our flexible system of connector manufacturing allows us to meet diverse requirements within a sustainable production window. Edac also has additional capacity and quality-approved subcontracting resources readily available through a network of long term manufacturing partnerships span across the globe.

EDAC's extensive customer support system includes dedicated inside sales, free factory samples, highly trained field support, and a global distributor network that can co-ordinate the timely delivery of Edac products to any factory in any country. Our distributor network can support the sale of custom products by special arrangement. We also work in partnership with many contract manufacturers to ensure that the Edac product that is designed into your assembly is the one that is used by your subcontractor during the mass production process - ensuring that Edac quality extends into your final end product.



Global supply chain leader in standard, custom and variation interconnect solutions.

CUSTOM SOLUTIONS



SERIES

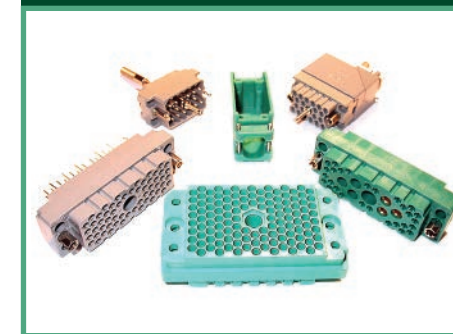
- Custom products can be manufactured for every product family in this brochure
- Complete North American engineering and design services including custom tooling
- North American facilities and design team
- High volume production facilities in Asia to manufacture at an economical price
- Ability to tweak variations of standard products to your design parameters often at little or even no tooling expense in small runs
- From concept to samples in as little as two weeks. Drawings provided as quickly as 24 hours
- High volume low cost solutions, including color variations and custom configurations

SERIES



Custom products can be made for any EDAC series.

RACK & PANEL



SERIES 500

- Industry standard rack and panel connectors with high reliability contacts
- Neutral gender contacts provide extremely reliable connection
- Gold over nickel contact plating in thru-hole PCB, wirewrap, crimp or solder hold styles
- Crimp contacts can be ordered pre-installed, or separately in bulk or on reel for automated insertion
- From 20 to 120 pins, with actuator, polarizing and locknut options
- Plastic and metal hoods available with cable clamps to house any cable termination
- Broadcast series available with combined coaxial and standard contract format

SERIES



516: Standard
556: Edacon Inline

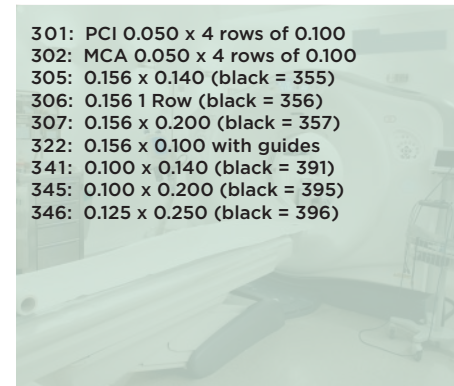
CARD EDGE



SERIES 300

- Card edge connectors available in 8,000 standard styles and 435,000 custom variations
- Contact spacings of 0.050, 0.100, 0.125, 0.150, 0.156, and 0.200
- Gold on contact mating area or gold over nickel contact plating
- PCB thru-hole, wirewrap, solder eyelet, extended tail, and other specialized contact options
- From 2 to 188 contacts in single, bridged, and dual rows with or without card supports
- Styles for many computer standards including the latest versions plus PCI, EISA, and ISA
- Most series are also available in 250 degree C high temperature variations (Series 800)

SERIES



301: PCI 0.050 x 4 rows of 0.100
302: MCA 0.050 x 4 rows of 0.100
305: 0.156 x 0.140 (black = 355)
306: 0.156 1 Row (black = 356)
307: 0.156 x 0.200 (black = 357)
322: 0.156 x 0.100 with guides
341: 0.100 x 0.140 (black = 391)
345: 0.100 x 0.200 (black = 395)
346: 0.125 x 0.250 (black = 396)

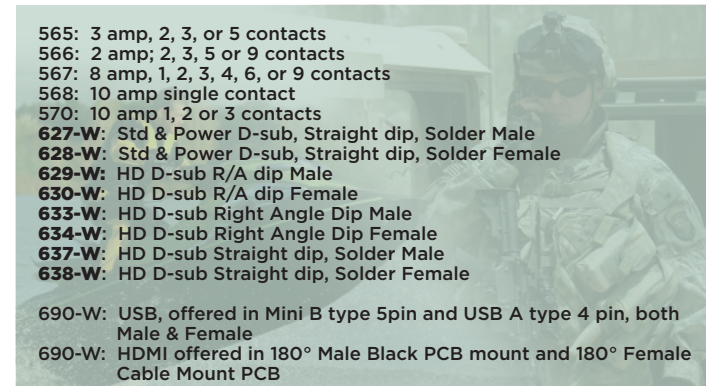
WATERPROOF



SERIES 560 / 600-W

- Field serviceable inline waterproof connectors for industrial automation applications
- Installable crimped inline contacts for factory PCB contacts
- Crimp contacts can be ordered pre-wired or separately on carrier strip
- Integral two way, mate and interface seals designed and tested to IP67 and SAE USCAR-2*
*Except 567 series - Tested to IP52 Splash proof.
- Standard D-Sub, HD D-Sub, USB, HDMI
- D-Sub Std: 9, 15, 25, 37 & 50 pin, D-Sub HD, 15, 26, 44, 62 & 78 pin
- IP 67 D-Sub Hood available for High Density 9, 15 & 25 pin
- IP67 caps available in 9, 15 & 25 pin

SERIES



565: 3 amp, 2, 3, or 5 contacts
566: 2 amp; 2, 3, 5 or 9 contacts
567: 8 amp, 1, 2, 3, 4, 6, or 9 contacts
568: 10 amp single contact
570: 10 amp 1, 2 or 3 contacts
627-W: Std & Power D-sub, Straight dip, Solder Male
628-W: Std & Power D-sub, Straight dip, Solder Female
629-W: HD D-sub R/A dip Male
630-W: HD D-sub R/A dip Female
633-W: HD D-sub Right Angle Dip Male
634-W: HD D-sub Right Angle Dip Female
637-W: HD D-sub Straight dip, Solder Male
638-W: HD D-sub Straight dip, Solder Female

690-W: USB, offered in Mini B type 5pin and USB A type 4 pin, both Male & Female
690-W: HDMI offered in 180° Male Black PCB mount and 180° Female Cable Mount PCB

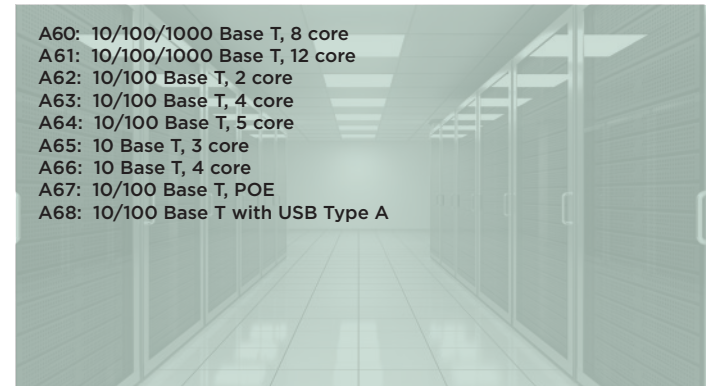
MAGNETIC JACKS



SERIES A60

- Magnetic Jacks are RJ45 modular jacks with integrate network magnetics.
- Combined connectivity with signal conditioning, electro magnetic interference suppression and isolation.
- These parameters were previously performed by separate and discrete magnetic components mounted on the PC board.
- Available as single or stacked multiport options.
- **10/100 or 1000 Base T** options - full IEEE 802.0 compliance.
- **Integrated Magnetics** - provides signal integrity, DC isolation and PHY chip protection.
- **Integrated Design** - reduces component inventory and process costs.
- **Spring fingers on shells** - guaranteed advanced EMI/RMI suppression.
- **LED option available** - visual indication of port status and activity information.
- **Tab up or Down options** - complete design for board and unit compatibility.

SERIES



A60: 10/100/1000 Base T, 8 core
A61: 10/100/1000 Base T, 12 core
A62: 10/100 Base T, 2 core
A63: 10/100 Base T, 4 core
A64: 10/100 Base T, 5 core
A65: 10 Base T, 3 core
A66: 10 Base T, 4 core
A67: 10/100 Base T, POE
A68: 10/100 Base T with USB Type A



RJ45



SERIES A

- RJ11/RJ45 single or stacked units with or without LED's, with shielding and mounting options
- Right angle mount or vertical mount in thru-hole PCB, some styles available in SMT
- Gold flash or gold plated contacts, including high thickness gold plating for telecom
- Shielded front ground, shielded rear ground, unshielded or face shielded versions.
- Up to 8 ports ganged single row or 16 ports stacked as a dual row
- Optional pair LEDs in mixed combinations of green, orange, red, or yellow on receptacle face including bi-color variations
- Low or high profile types, keyed or unkeyed, with or without mounting flange assemblies available in various lengths

SERIES



A00: RJ45 Receptacles, no LEDs
A10: RJ45 Plugs
A20: RJ45 Receptacles with LEDs

USB



SERIES 690

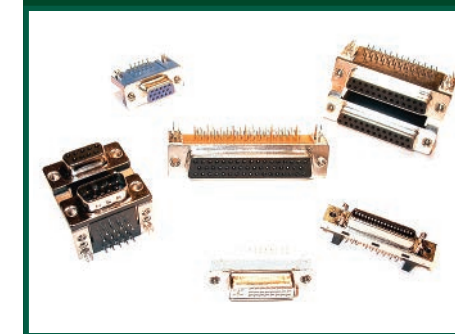
- USB are available in single or ganged styles
- Right angle mount parallel with board, vertical mount perpendicular to board
- Contacts available from gold flash to 300U gold plating
- USB Type A available in stacked right angle versions
- USB mini & micro B available in 2.0 and 3.0 for faster data rates and higher current handling
- Terminates with thru-hole PCB, SMT, or a variety of cable styles (with crimp pins)
- Complete overmolded cable assemblies available in various lengths

SERIES



690: USB for PCB
691: USB for cable
692: Mini USB

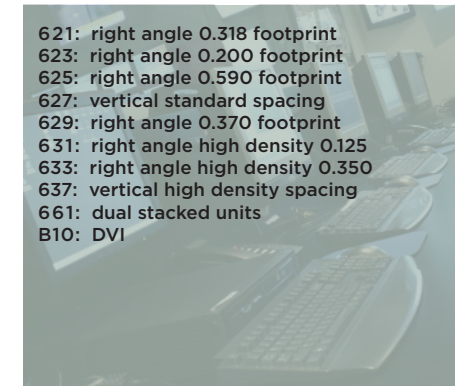
STD D-SUB



SERIES 600

- D Subminiature connectors in standard, video, half pitch and high density formats
- Wide variety of footprints in vertical or right angle thru-hole PCB styles
- Gold flash or gold plated contact surfaces. Machined contact versions available
- Metal shells provide EMI and RFI shielding. Plastic / metal or all-metal versions available
- From 9 to 50 pins (std), 15 to 78 pins (Hi-D), 26 to 100 pins (Halfpitch), or 29 pin (DVI)
- Dual port stacked right angle connectors available, with matched or mixed connectors
- Digital Video (DVI) Half Pitch (050) and VESA / VGA styles available (series B10)

SERIES



621: right angle 0.318 footprint
623: right angle 0.200 footprint
625: right angle 0.590 footprint
627: vertical standard spacing
629: right angle 0.370 footprint
631: right angle high density 0.125
633: right angle high density 0.350
637: vertical high density spacing
661: dual stacked units
B10: DVI

PRESS FIT/MBB



SERIES 700

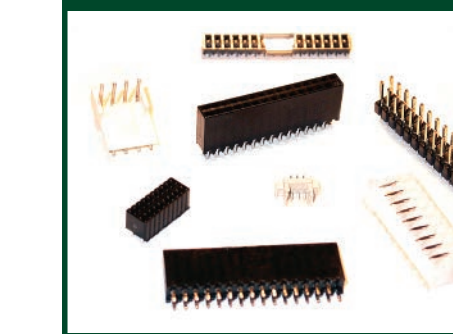
- Pin compliant ultra-mate press fit technology with MBB hot swap capability
- Solderless field serviceable board contacts in 0.100, 0.125 and 0.156 spacing
- Gold-over-nickel plated contacts with nickel underlay, in PCB thru-hole or wirewrap terminations
- Optional MBB technology allows for hot swapping circuit boards making-before-break contacts
- From 5 to 150 pins (0.100), 5 to 120 pins (0.125) or 5 to 86 pins (0.156)
- Unique compliant pin design allows for low insertion force and no damage to boards
- Also available in a press fit telecom ribbon connector style (Series B57)

SERIES



737: 0.156 x 0.200
745: 0.100 x 0.200
746: 0.125 x 0.250
B57: Blue Ribbon

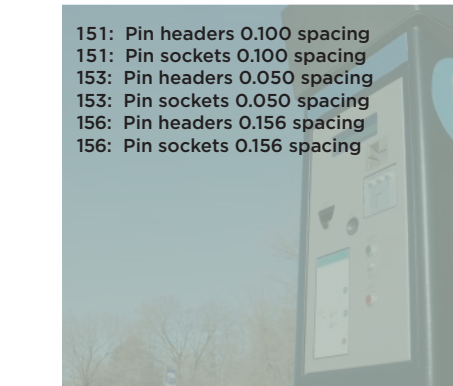
PIN HEADERS



SERIES 150

- Industry standard 0.100 / 0.079 and 0.050 pitch versions available
- Thru-hole PCB in vertical or right angle mount, or SMT vertical, or cable type with crimp contacts
- Contact plating of tin over nickel, gold flash, or gold plate
- Headers available with various pin heights and board depths, with square posts or round pins
- Packaged loose in boxes, in trays or on tape and reel for automated insertion
- Optional shrouds available with locking or non-locking mechanisms
- Wide variety of customization, including color variations and precise pin lengths

SERIES



151: Pin headers 0.100 spacing
151: Pin sockets 0.100 spacing
153: Pin headers 0.050 spacing
153: Pin sockets 0.050 spacing
156: Pin headers 0.156 spacing
156: Pin sockets 0.156 spacing

CABLE ASSEMBLIES



SERIES 628

- Cable assemblies for data and single processing, and adaptors for intermating connections
- Standard lengths from 1 to 10 meter or 3 to 30 feet
- Breakout cables for multiple terminations
- Adaptors for DVI digital to VGA analog conversion
- USB cables in standard printer / device format (A to B) and alternates (A to A, B to B)
- Mini USB, Mini DIN, RJ45, RJ11 and other computer cables available in bulk
- Virtually any cable manufactured to mate with Edac connectors can be made

SERIES



628: DVI Adaptors
628: USB cables
628: All other cable assemblies