INTERCONNECT SOLUTIONS FOR A CONNECTED WORLD

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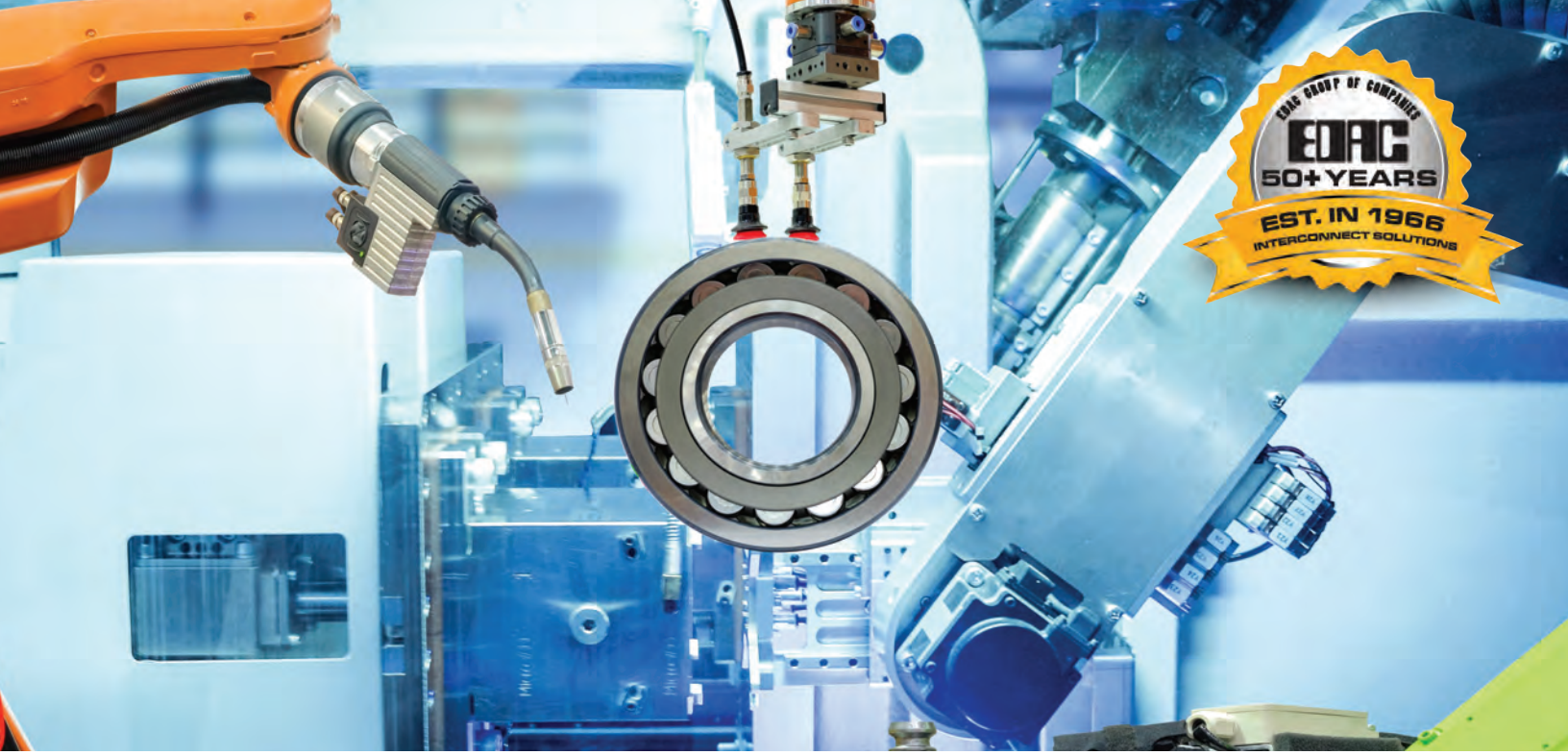
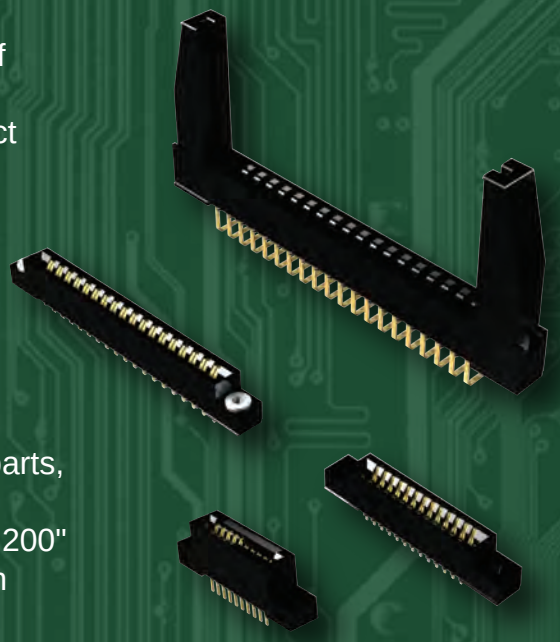


Card Edge Connectors

One of EDAC's original product families, the Cardedge+ family of card edge connectors has grown to become one the largest offerings available in the market. Available in a number of contact spacings, with multiple options for contact terminations, plating thicknesses and mounting styles, providing our customers more flexibility with their designs.



Features

- Card Edge connectors available in excess of 350,000 standard parts, and capabilities to produce custom variations
- Contact spacings of 0.050", 0.100", 0.125", 0.150", 0.156" and 0.200" Selective gold plating on contact mating area or gold all over with nickel under plating
- PCB thru-hole, wirewrap, solder eyelet, extender board tail, and other specialized contact options
- From 2 to 188 contacts in single, bridged, and dual rows with or without card supports

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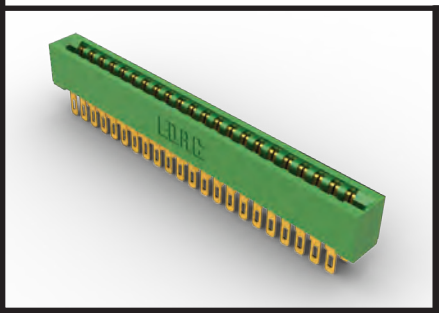
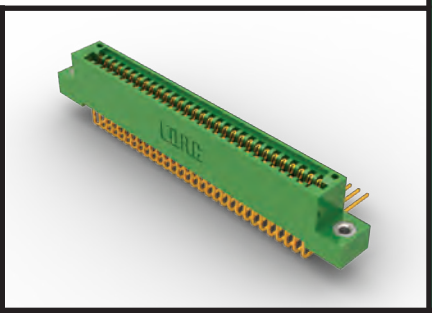
cardEDGE+

Card Edge Connectors

Series	Contact Pitch	Row Spacing	No. of Contacts	High Temp. Insulator	Contact Options	Mounting Options	Polarization
243	0.200" (5.08 mm)	0.200" (5.08 mm)	02-06	No	1	1	Yes
305/315/ 355	0.156" (3.96 mm)	0.140" (3.56 mm)	12-86	Yes	5	10	Yes
306/316/ 356	0.156" (3.96 mm)	Single Row	06-43	Yes	3	10	Yes
307/357	0.156" (3.96 mm)	0.200" (5.08 mm)	6-88	Yes	25	10	Yes
310	0.156" (3.96 mm)	0.200" (5.08 mm)	30 or 60	Yes	18	6	Yes
317	0.156" (3.96 mm)	0.200" (5.08 mm)	06-86	Yes	5	7	Yes
325	0.100" (2.54 mm)	0.300" (7.62 mm)	05-122	Yes	3	4	Yes
322	0.156" (3.96 mm)	0.200" (5.08 mm)	22 or 44	Yes	25	3	Yes
333	0.156" (3.96 mm)	0.200" (5.08 mm)	06-86	Yes	14	7	Yes
337/387	0.156" (3.96 mm)	0.200" (5.08 mm)	06-86	Yes	14	10	Yes
338	0.156" (3.96 mm)	0.200" (5.08 mm)	10-56	Yes	1	9	Yes
341/391	0.100" (2.54 mm)	0.140" (3.56 mm)	05-120	Yes	8	6	Yes
342/392	0.100" (2.54 mm)	0.200" (5.08 mm)	05-116	Yes	14	7	Yes
345/395	0.100" (2.54 mm)	0.200" (5.08 mm)	05-144	Yes	15	10	Yes
346/396	0.125" (2.50 mm)	0.250" (6.35 mm)	05-100	Yes	12	10	Yes
368	0.156" (2.00 mm)	0.200" (5.08 mm)	04-06	Yes	2	1	Yes
379	0.150" (3.81 mm)	0.200" (5.08 mm)	06-64	Yes	11	6	Yes
395AT	0.100" (2.54 mm)	0.200" (5.08 mm)	98	Yes	13	1	Yes





EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

Rugged Board to Board Connections

High Reliability Backplane Interconnect solution

EDAC

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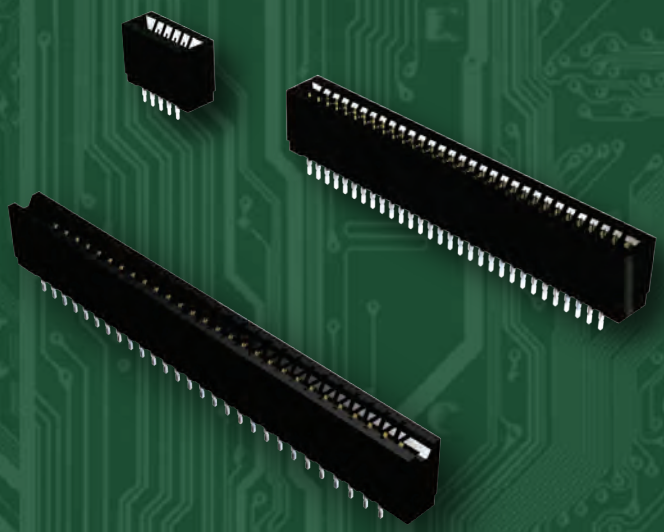
Pressfit Card Edge Connectors

EDAC offers a very broad range of press-fit card edge connectors. Our Edgefit product utilizes a contact design that allows for ease of assembly into the PCB with the use of simple flat rock tooling. Once installed, this solderless connection provides superior shock and vibration resistance while also providing significant labour savings.



Features

- 0.100” (2.54mm) to 0.156” (3.96mm) contact spacing
- Single or dual row up to 150 contacts
- Press fit compliant section for gas tight connection and solderless operations
- Accepts between and in contact polarizing keys
- Low profile or high profile body available
- Contact termination options include PC tail or wire wrap
- Tools available for installation, contact removal, flat rock press to board

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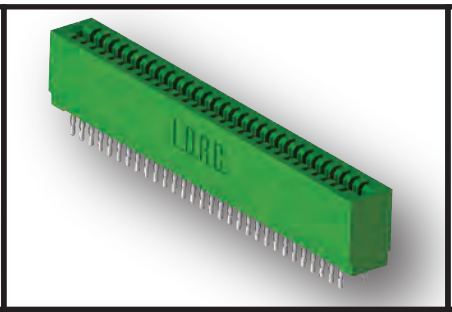
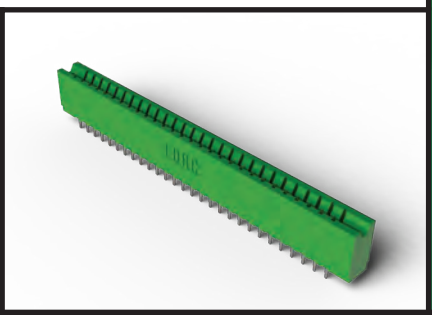
Pressfit Card Edge Connectors

Series	Contact Pitch	Row Spacing	No. of Contacts	High Temp. Insulator	Contact Options	Mounting Options	Polarization
725 Low Profile	0.100” (2.54 mm)	0.200” (5.08 mm)	05-150	Yes	7	1	Yes
745 High Profile	0.100” (2.54 mm)	0.200” (5.08 mm)	05-150	Yes	7	2	Yes
726 Low Profile	0.125” (3.18 mm)	0.250” (6.35 mm)	05-120	Yes	7	1	Yes
746 High Profile	0.125” (3.18 mm)	0.250” (6.35 mm)	05-120	Yes	7	2	Yes
717 Low Profile	0.156” (3.96 mm)	0.200” (5.08 mm)	05-86	Yes	7	1	Yes
737 High Profile	0.156” (3.96 mm)	0.200” (5.08 mm)	05-86	Yes	7	2	Yes





EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

Rugged Board to Board Connections

High Reliability Backplane Interconnect solution

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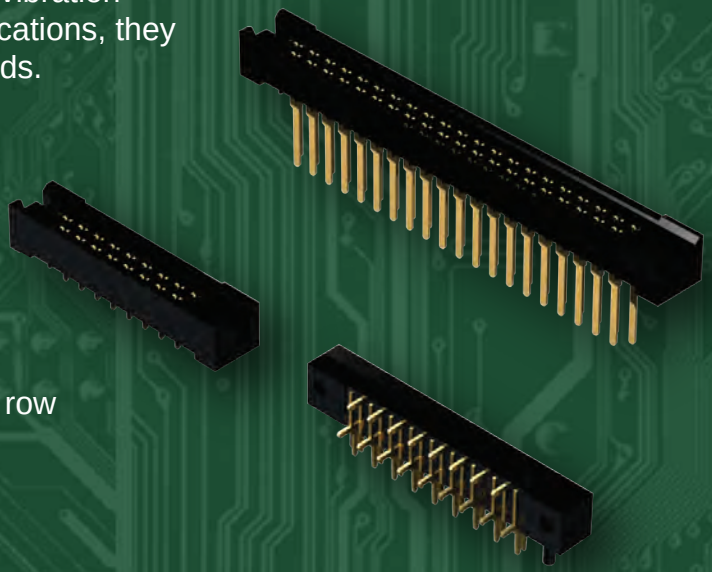
Metal to Metal Card Edge Connectors

The EDAC E-Met family is a two piece, metal to metal, high reliability connector solution. Utilizing our Edacon hermaphroditic contacts, the fork-like design incorporates four mating surfaces providing a gas tight connection with high shock and vibration resistance. For board to board, or wire to board applications, they can be used with 0.062” or 0.093” printed circuit boards.



Features

- Edacon hermaphroditic contact mating design
- High shock and vibration resistance with 10 amp current rating
- 0.200" (5.08mm) contact spacing X 0.125" (3.18mm) row spacing with staggered grid
- Plug termination is a PC tail
- Receptacle terminations include PC tail, wire hole and wire wrap

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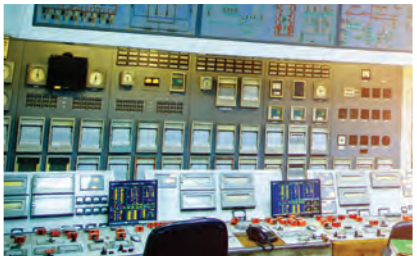

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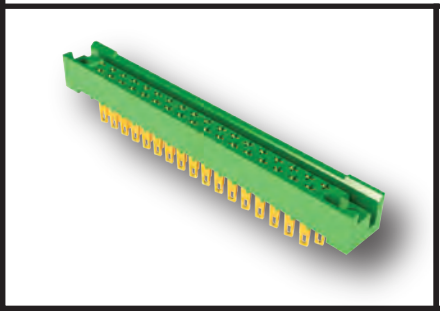
Metal to Metal Card Edge Connectors

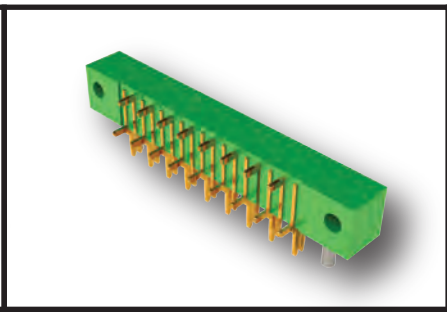
Series	Contact Pitch	Row Spacing	No. of Contacts	High Temp. Insulator	Contact Options	Mounting Options	Polarization
415/438 Receptacle	0.200" (5.08. mm)	0.125" (3.18 mm)	17-47	Yes	6	4	Yes
421/422/ 423 Plug	0.200" (5.08 mm)	0.300" (7.62 mm)	17-47	Yes	2	1	No
408/424 Receptacle	0.200" (5.08 mm)	0.125" (3.18 mm)	17-41	Yes	11	4	No

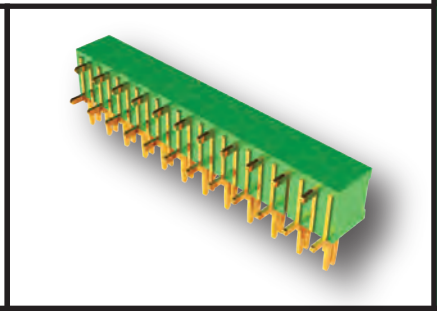
EDAC GROUP OF COMPANIES
EDAC
50+ YEARS
EST. IN 1966
INTERCONNECT SOLUTIONS

Rugged Board to Board Connections

Ultra High continuity & shock and vibration resistant







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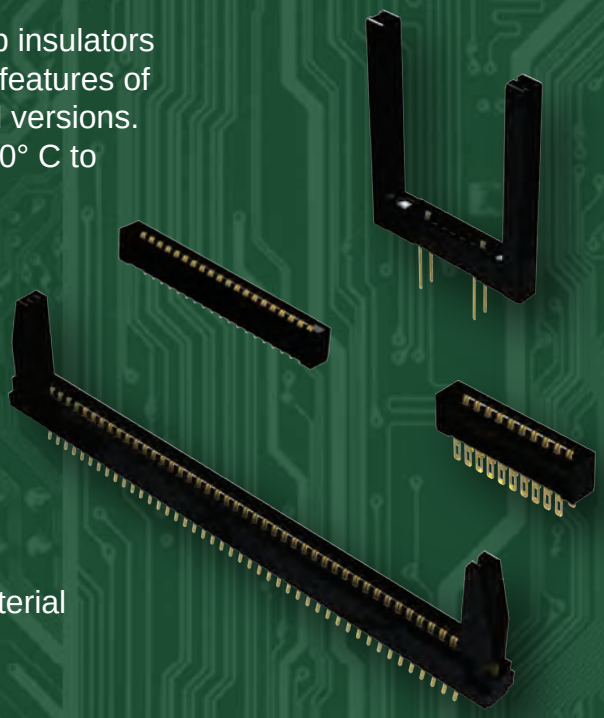
High Temp Card Edge Connectors

EDAC High Temp card edge connectors utilize high temp insulators ideal for the RoHS infrared soldering process. All of the features of our standard cardedge are available in these ruggedized versions. A solid performer over a wide temperature range from -40° C to +125° C.



Features

- 6-88 contacts in single or dual row
- 5 amps contact rating
- Wide variety of mounting options
- Standard PC tail, 90 degree bend or wire wrap contacts
- Diallyl Phthalate or Polyphenylene Sulfide high temp material

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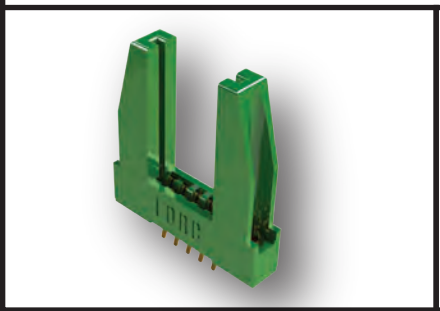
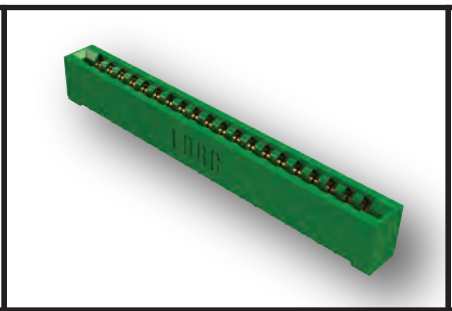
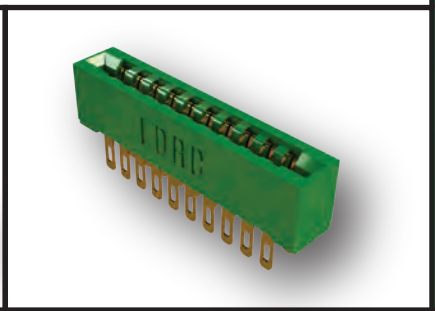
High Temp Card Edge Connectors

Series	Contact Pitch	Row Pitch	No. of Contacts	High Temp. Insulator	Contact Options	Mounting Options	Polarization
Diallyl Phthalate							
807	0.156" (3.96mm)	0.200 (5.08mm)	06-88	Y	25	7	Y
833	0.156" (3.96mm)	0.200 (5.08mm)	06-86	Y	14	7	Y
837	0.156" (3.96mm)	0.200 (5.08mm)	06-86	Y	14	7	Y
842	0.100" (2.54mm)	0.200 (5.08mm)	05-116	Y	14	7	Y
845	0.100" (2.54mm)	0.250 (6.35mm)	05-144	Y	14	7	Y
846	0.125" (3.17mm)	0.200 (5.08mm)	05-100	Y	12	10	Y
Polyphenylene Sulfide							
857	0.156" (3.96mm)	0.200 (5.08mm)	06-88	Y	25	7	Y
887	0.156" (3.96mm)	0.200 (5.08mm)	06-86	Y	14	7	Y
892	0.100" (2.54mm)	0.200 (5.08mm)	05-116	Y	14	7	Y
895	0.100" (2.54mm)	0.200 (5.08mm)	05-144	Y	14	7	Y
896	0.125" (3.17mm)	0.250 (6.35mm)	05-100	Y	12	10	Y







EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

High temp insulator for Rohs process!

Superior Board to Board mating solution…

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High Speed Card Edge Connectors

EDAC PCIE 3.0 and SAS Card Edge Connectors are a high speed board to board interconnect solution. Differential pair signaling provides for low insertion loss in a dense package that conserves valuable board space. Widely used in server backplanes these fine pitch connectors come in a variety of orientations and terminations to meet all design parameters.

Features

- PCIE 3.0 available in 20 to 200 contacts
- SAS available 29 or 68 contacts
- Data transmissions up to 21 Gbps
- Vertical or right-angle orientations
- SMT or Press-Fit terminations
- SAS 3.0 and PCIE 3.0 compliant

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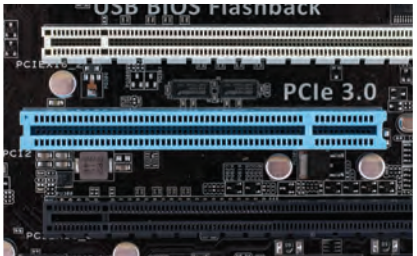

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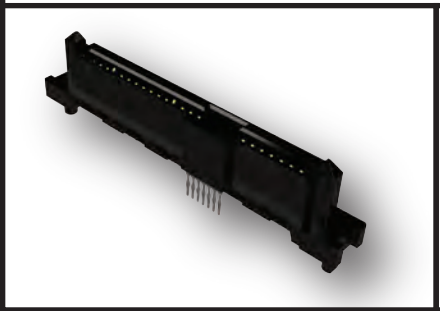
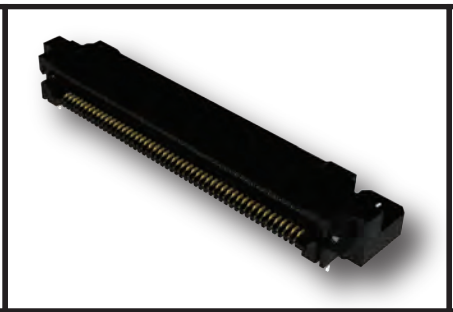
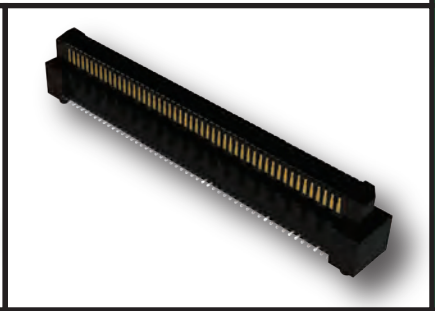
High Speed Card Edge Connectors

Series	Pitch	Contact	Contact Type	High Temp Ins.	Latching	Data Speed	Orientation
PCIE 3.0							
370	0.8mm	20-200	Through Hole	Y	N	21 Gbps	Vertical
371	0.8mm	100-180	SMT	Y	Y	21 Gbps	Vertical
472	0.8mm	100-150	SMT	Y	Y	19 Gbps	Vertical
473	0.8mm	100-150	SMT	Y	Y	19 Gbps	Rt. Angle
SAS							
270	1.27/0.8mm	29	SMT	Y	N	16 Gbps	Rt. Angle
271	1.27/0.8mm	68	SMT	Y	N	16 Gbps	Vertical
272	1.27/0.8mm	29	Press-Fit	Y	N	16 Gbps	Vertical
273	1.27/0.8mm	29	SMT	Y	N	16 Gbps	Vertical







EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

High Speed connectors for solid data infrastructure

SAS 3.0 and PCIE 3.0 full compliance

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Rectangular Connectors

EDAC Rack & Panel connectors offer a high reliability connection, ideal where a large number of wires are interconnected to a panel. Available in seven body sizes ranging from 14 to 120 contact positions. The hermaphroditic contact design provides a gas tight connection with superior shock and vibration resistance. Ease of mating is facilitated with the use of an actuating screw and lock nut.

Features

- Industry standard connector with highly dependable contacts
- Hermaphroditic contact design for no-fail interconnections
- Gold over nickel plating for wire hole, PCB, wire-wrap and crimp contacts
- In sizes of 14 to 120 positions, with actuating screw or locknut and polarizing hardware
- Plastic and metal covers with cable clamps for strain relief
- Tools available for contact installation, removal, crimping and polarization

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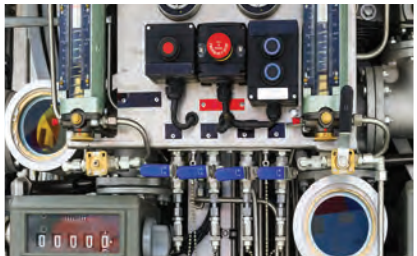


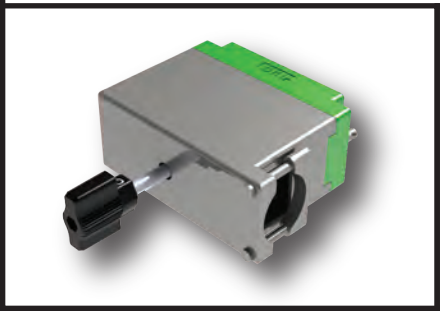
RECTANGULAR+

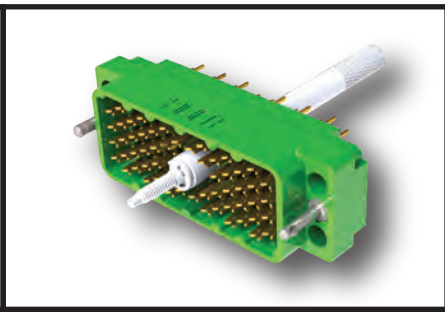
Rack & Panel Connectors

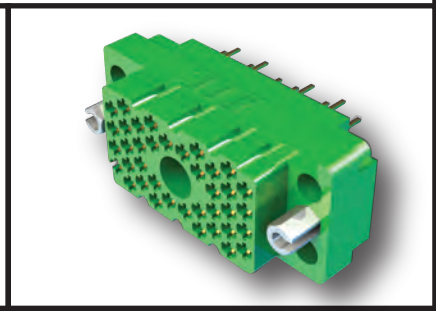
Series	No. of Contacts	Contact Options	Ins. Material Options	Cover Options	Hardware Options	Polarization
516	20-120	7	3	7	5	Yes
519	14 or 36	7	1	7	5	Yes
556	3	7	1	N/A	N/A	Yes

Ultimate high continuity backplane connector

Shock and vibration proof solution!







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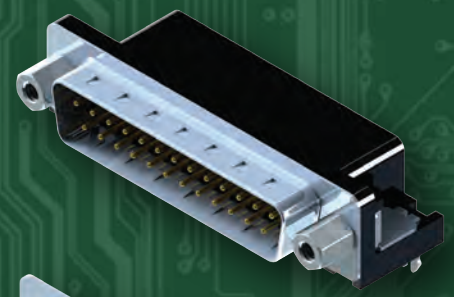
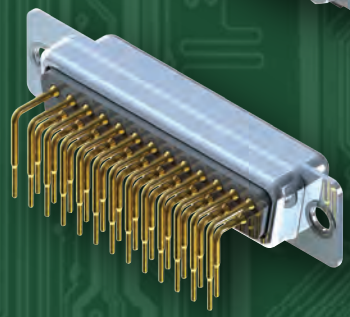
D-Sub Connectors

In the D-Mate family, EDAC offers an extensive range of industry standard D-Subminiature connectors. Available in standard density with 9, 15, 25, 37, and 50 contacts or high density versions with 15, 26, 44, 62 and 78 contacts. Vertical and right angle orientations, along with a variety of termination, plating and mounting options are available. They're also available in a stacked version.





Features

- Various industry standard footprints available in low or high density
- Plugs and receptacles in 9, 15, 25, 26, 44, 62 or 78 contact sizes
- Pin and socket contact mating design with P.C. tail termination
- Right angle and vertical orientations
- Metal shell provides EMI/RFI shielding, plug shell indents provide grounding and additional mating retention
- Board mounting features include threaded hole, two or four prong board locks for exceptional retention to P.C. board
- Flange mounting options for panel mount or connector mating include through hole, threaded holes and threaded standoffs with M3 or #4-40 UNC
- Metal or plastic body is available
- High temp options available

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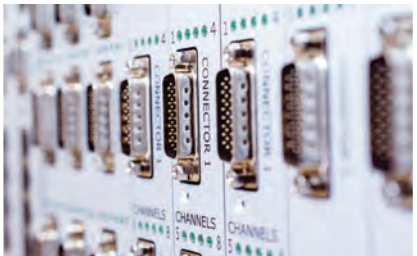
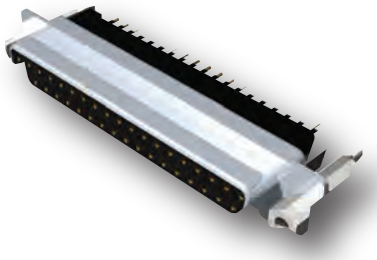


D-SUB+

D-Sub Connectors

Series M/F	No. of Contacts	Plating Options	No. of Contact Codes & Density	High Temp. Insulator	Mounting Options	Flange Mtg. Options
621/622	9-37	Flash-30u" gold	2 Std.	Yes	4	6
623/624	9-25	Flash-30u" gold	1 Std.	Yes	2	4
625/626	9-37	Flash-30u" gold	1 Std.	Yes	3	5
627/628*	9-50	Flash-30u" gold	5 Std.	Yes	6	7
629/630	9-37	Flash-30u" gold	1 Std.	Yes	3	4
632 (F)	15	Flash-30u" gold	2 High	Yes	1	4
633/634	15-78	Flash-30u" gold	2 High	Yes	4	5
637/638	15-78	Flash-30u" gold	3 High	Yes	3	7
661-664	9-37	Flash-30u" gold	1 Std.	Yes	4	4

* Available with plastic or metal body



EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

Widest range of options available to meet all design requirements

Industry standard foot prints for drop in replacements

EDAC

For More Information

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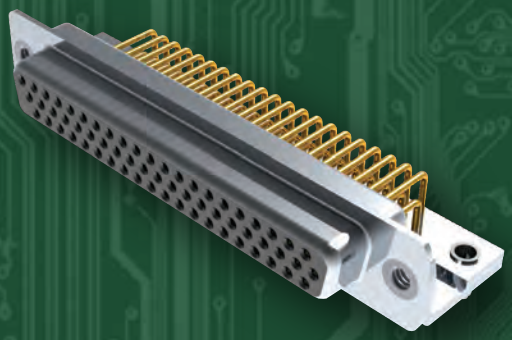
Machined D-Sub Connectors

The EDAC D-PIN family of D-Subminiature connectors are manufactured using precision machined contacts available from 9 to 62 positions. Standard and high density, with vertical and right angle body styles available. A number of mounting and contact plating options are available. The 5 amp current rating along with a wide operating temperature range provides for use in rugged environments.



Features

- 5 amp precision machined contacts
- Plug and receptacles in 9, 15, 25, 26, 37, 44, 50 and 62 positions
- Pin and socket contact mating design with P.C. tail termination
- Mounting options for panel mount or connector mating include through hole, threaded inserts, 4 prong board locks and removable threaded standoffs
- Wide operating temperature of -55°C to +125°C

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D-SUB+

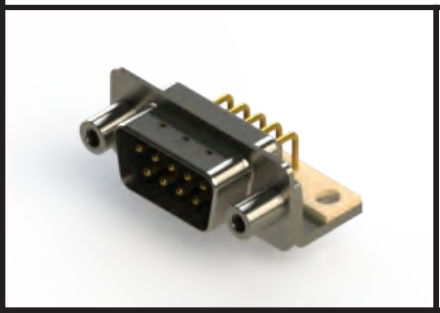
Machined D-Sub Connectors

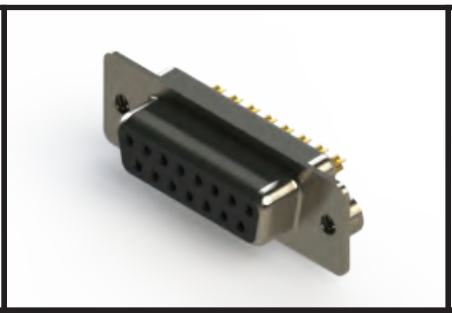
Series M/F	No. of Contacts	Plating	No. of Contact Codes & Density	Ins. Color Options	Shell Plating Options	Flange Mtg. Options
621M/622M	9-50	Flash-30u" gold	1 Std.	4	2	6
627M/628M	9-50	Flash-30u" gold	3 Std.	4	2	6
629M/630M	9-50	Flash-30u" gold	1 Std.	4	2	6
633M/634M	15-62	Flash-30u" gold	1 High	2	2	6
637M/638M	15-62	Flash-30u" gold	2 High	1	2	6

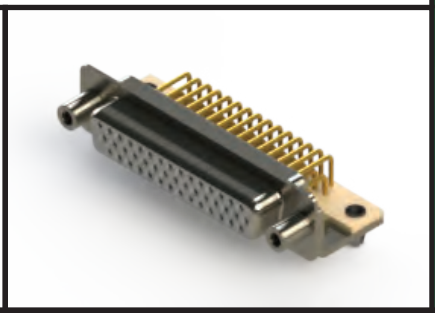
EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

Widest range of options available to meet all design requirements

Industry standard foot prints for drop in replacements







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Power Combo D-Sub Connectors

The EDAC Power-D product line is a D-Subminiature style connector combining standard signal contacts with power or coaxial contacts in the same connector. The body dimensions are similar to the standard D-sub sizes 9, 15, 25, 37 and 50 pin, and are offered in 22 different configurations. Power contacts up to 40 amps, or coaxial contacts with either 50 or 75 ohm impedance ratings are available.

Features

- Plug and receptacles in vertical or right-angle orientations
- Data signal contacts at 5 amps & power contacts handling 10, 20, 30 or 40 amps
- Pin and socket contact mating design with P.C. tail and solder cup termination
- Metal shell provides EMI/RFI shielding while plug shell indents provide grounding and additional mating retention
- Mounting options for panel mount or connector mating include through hole, threaded hole and threaded standoffs
- D-shaped connector mating outline provides polarization

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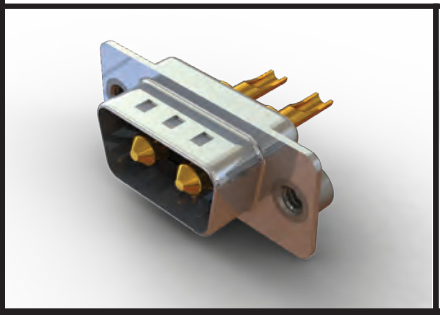
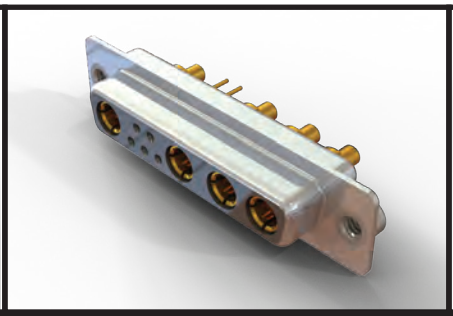
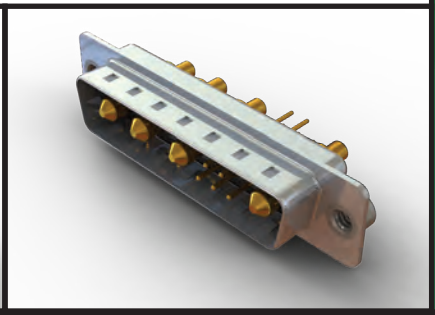
Power Combo D-Sub Connectors

Series	No. of Layout Options	Plating	Current Rating Power Contacts	Mounting Options	Impedance Rating Coaxial Contacts
627C	22	Flash-30u" gold	10 - 40 amps	11	50 or 75 ohms
628C	22	Flash-30u" gold	10 - 40 amps	11	50 or 75 ohms
629C	22	Flash-30u" gold	10 - 40 amps	11	50 or 75 ohms
630C	22	Flash-30u" gold	10 - 40 amps	11	50 or 75 ohms







EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

Widest range of options available to meet all design requirements

Power and data signal contacts in a single package!

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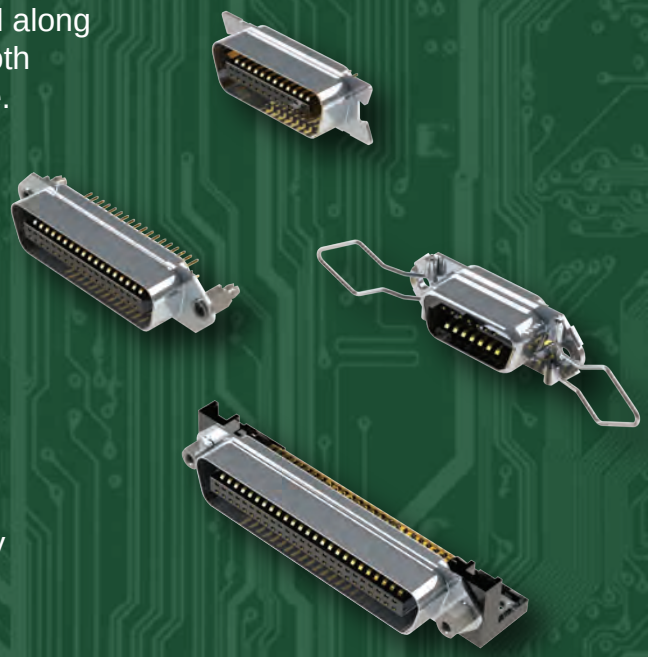
Parallel Interface D-Sub Connectors

EDAC B57 connectors are parallel port interfaces fully compatible with all industry standards. Ribbon style contacts are utilized along with board locks for superior mating and retention forces. Both board receptacle and male plug cable versions are available.



Features

- 14, 24, 36, 50 or 64 positions available
- Plating options from flash to 30u" gold
- Durable phosphor bronze contacts with 1 amp current rating
- Boardlocks for superior retention
- Male plug on cable side has IDC contacts for easy assembly

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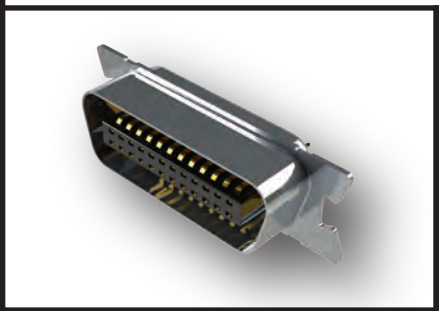
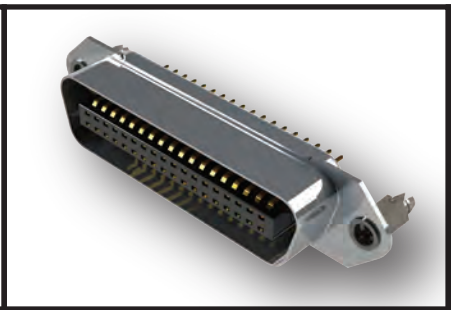
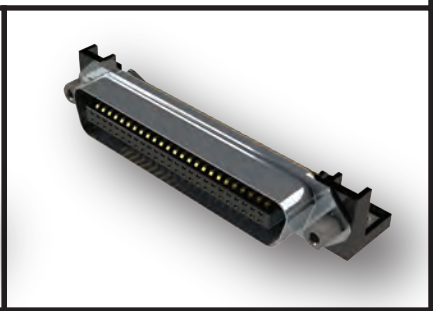
D-SUB+

Parallel Interface D-Sub Connectors

Series M/F	No. of Contacts	Plating	No. of Contact Codes & Density	Board Mounting Options	Contact Styles
B57	14 / 24 / 36 / 50 / 64	Flash-30u” gold	6 high	8	4-6







EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

High speed video signal interface

Hot pluggable with solid mating force!

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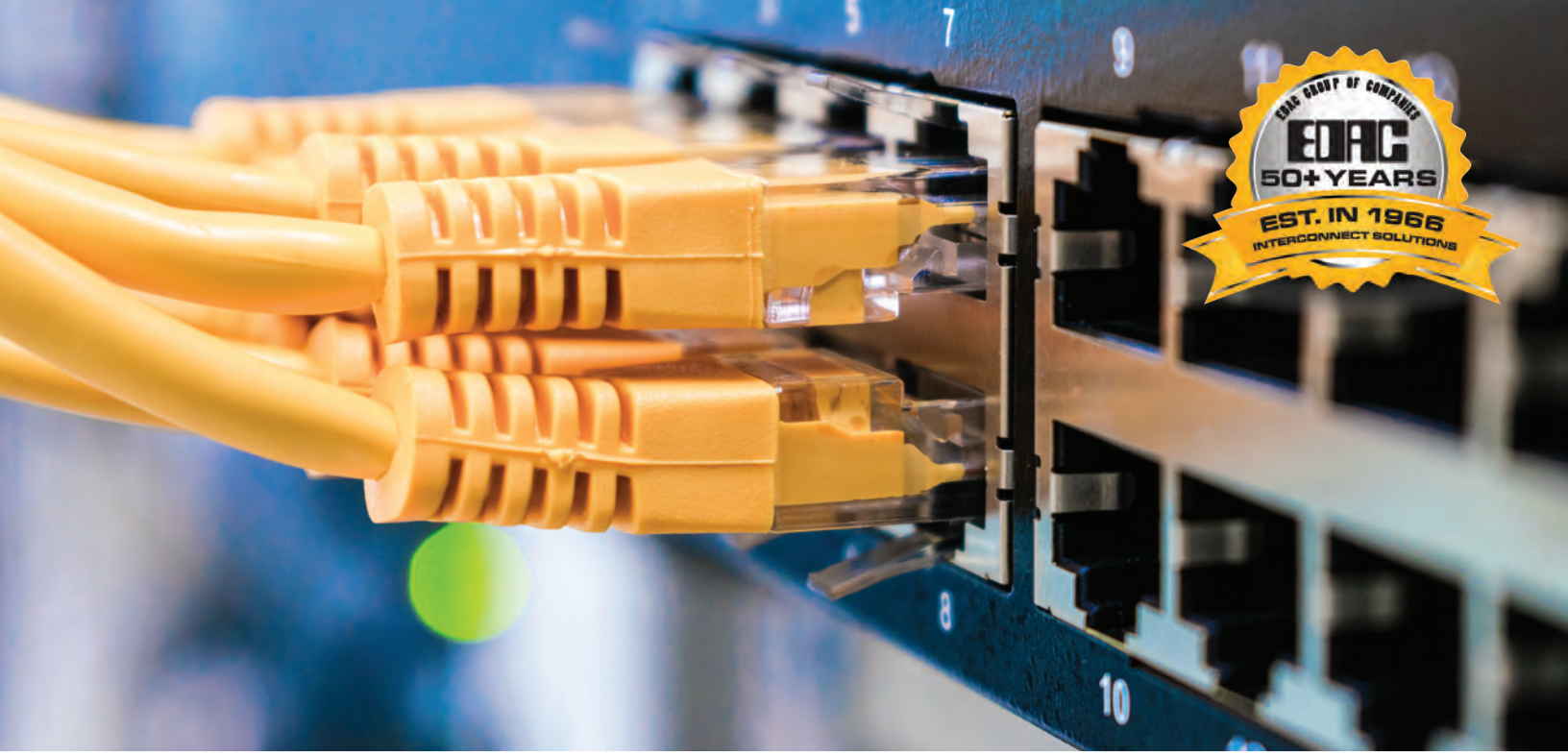

Modular Jack Connectors

The EDAC E-JAX family of Modular Jacks are manufactured to industry standards and are also fully customizable. Single, ganged, or stacked versions are available up to 2 x 8 ports. Shielded or unshielded, with a variety of LED options. SMT and through hole terminations are available in right angle or vertical orientations. Multiple plating options are also available.

Features

- RJ11/RJ45 single or stacked units available in multiple body styles, with or without LEDs, and various mounting options
- Right angle or vertical mount in though hole PCB or SMT
- Gold flash or gold plated contacts, including high thickness gold for telecom
- Shielded front ground, shielded rear ground, unshielded, or face shielded versions
- Up to 8 ports ganged single row or 16 ports stacked dual row
- Optional LEDs in mixed combinations of green, orange, red, or yellow including bi-color variations
- Low or high profile types, keyed or unkeyed, with or without mounting flange

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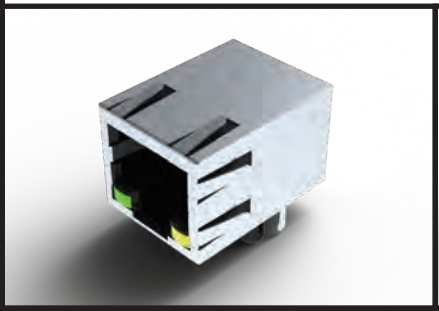
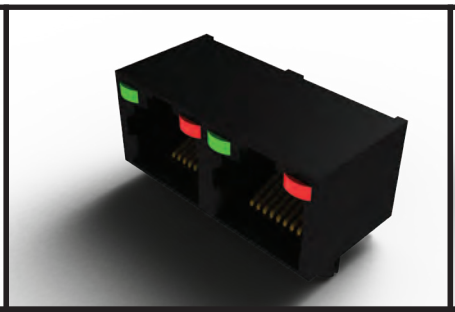
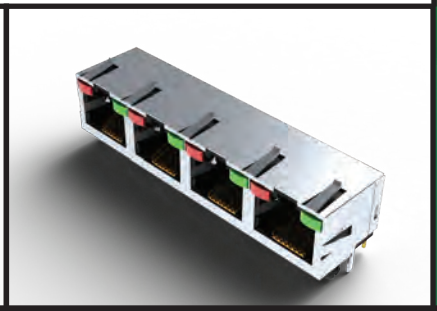
Modular Jack Connectors

Series	Type/ Contacts	No. of Ports	Orientation	No. of Rows	Shielded	Plating	LED's
J20/28/2K	RJ45/8	1	Vertical	1	N	Flash - 50" Gold	N
J21/24/2X	RJ11/4	1	Vertical	1	N	Flash - 50" Gold	N
J2L	RJ45/8	1	Vertical	1	Y	Flash - 50" Gold	N
J2T	RJ45/8	1	45 Degree	1	Y	Flash - 50" Gold	N
J2W	RJ45/32	4	Vertical	1	N	Flash - 50" Gold	Y
J53	RJ11/8	2	RT. Angle	1	N	Flash - 50" Gold	N
J60/93	RJ45/32	4	RT. Angle	1	Y	Flash - 50" Gold	N
J67	RJ45/32	4	RT. Angle	1	N	Flash - 50" Gold	Y
J6A	RJ45/32	2	RT. Angle	1	Y	Flash - 50" Gold	N
J6D/6E/J9P	RJ45/8	1	RT. Angle	1	Y	Flash - 50" Gold	Y
J79	RJ45/8	1	RT. Angle	1	N	Flash - 50" Gold	N
J96	RJ45/16	2	Stacked	2	Y	Flash - 50" Gold	Y
J9F	RJ45/32	4	Stacked	2	N	Flash - 50" Gold	N
J9Q/J6F/JS8	RJ45/8	1	RT. Angle	1	Y	Flash - 50" Gold	N
JF2	RJ45/16	2	Vertical	1	N	Flash - 50" Gold	N
JG2	RJ45/24	3	RT. Angle	1	N	Flash - 50" Gold	N
JPG	RJ45/8	1	Reverse Vert.	1	N	Flash - 50" Gold	N







EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

E-Jax provides an extensive offering of RJ45 standard Modular Jacks

Widest array of options including plating, LED's, EMI fingers and tab orientation

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For More Information

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USB Connectors

EDAC Standard USB's are available in all types A,B and C in vertical or right angle orientations. USB's combine data and power in a small package. Type C offers ten times the speed of conventional USB's plus cords will mate in either direction.

Features

- USB Type A, B and C are available
- Up to 10 Gbps communication speed for USB Type C 3.1
- Industry standard plug and play technology
- Hot pluggable
- Compatible with asynchronous and isochronous data transfer methods
- Stacked versions available up to 4 ports

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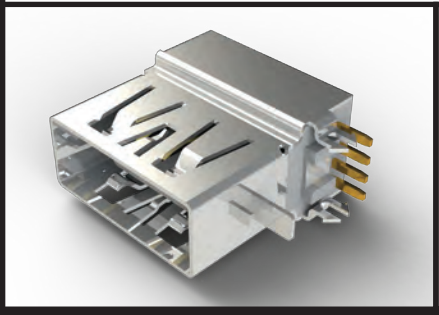
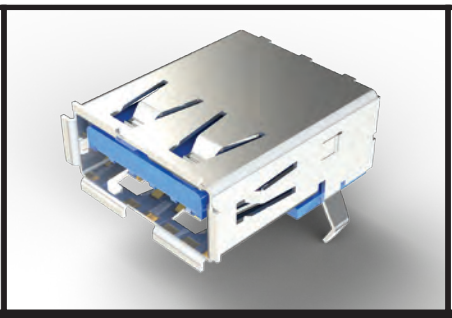
USB Connectors

Series	Total Contacts	Plating Options	Contact Code	Pkg. Material	Type
690	4	Flash-30u”	Rt Angle/Vertical	PA9T/LCP	A
690	4-5	Flash-30u”	Rt Angle/Vertical	PA9T/LCP	B
690	24	Flash-30u”	Rt Angle/Vertical	PA9T/LCP	B
690	10	Flash-30u”	Rt Angle/Vertical	PA9T/LCP	Micro B
690	20	Flash-30u”	Rt Angle/Vertical	PA9T/LCP	Display Port 3.0





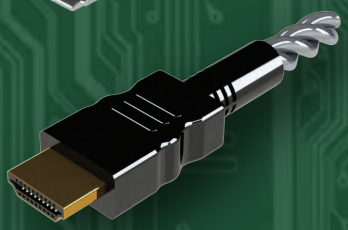
EDAC USB connectors offer power and data transmission in a small package

Type C accepts cables either direction and it is 10 times the speed!

For More Information
www.edac.net

HDMI Connectors

EDAC HDMI connectors follow industry standards and are available in vertical or right angle orientations. Single or dual port versions are available. These deliver high speed video transmissions resulting in very high resolution images.



Features

- Standard 19 pin type A, micro versions, and an automotive shrouded version are available
- Vertical or right angle and single or dual stacked
- Plating options from gold flash to 30u" gold for high insertion cycles
- Hot pluggable
- Synchronous and asynchronous data transfers

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HDMI Connectors

Series	No. of Contacts	Plating Options	Contact Codes	Ins. Material	Type
690	19	Flash-30u”	Rt Angle/Vertical	PA9T/LCP/PA6T/PA66	A
690	19	Flash-30u”	Rt Angle/Vertical	PA9T/LCP/PA6T/PA66	C Mini
690	19	Flash-30u”	Rt Angle/Vertical	PA9T/LCP/PA6T/PA66	D Micro
690	19	Flash-30u”	Rt Angle/Vertical	PA9T/LCP/PA6T/PA66	E
690	19	Flash-30u”	Rt Angle/Vertical	PA9T/LCP/PA6T/PA66	B
690	38	Flash-30u”	Rt Angle/Vertical	PA9T/LCP/PA6T/PA66	A Dual Stack

Receptacle

Series	No. of Contacts	Plating Options	Contact Codes	Ins. Material	Type
691	19	Flash-30u”	Rt Angle/Vertical	PA9T/LCP/PA6T/PA66	A
691	19	Flash-30u”	Rt Angle/Vertical	PA9T/LCP/PA6T/PA66	C Mini
691	19	Flash-30u”	Rt Angle/Vertical	PA9T/LCP/PA6T/PA66	D Micro
691	19	Flash-30u”	Rt Angle/Vertical	PA9T/LCP/PA6T/PA66	E
691	19	Flash-30u”	Rt Angle/Vertical	PA9T/LCP/PA6T/PA66	B
691	38	Flash-30u”	Rt Angle/Vertical	PA9T/LCP/PA6T/PA66	A Dual Stack

Plugs

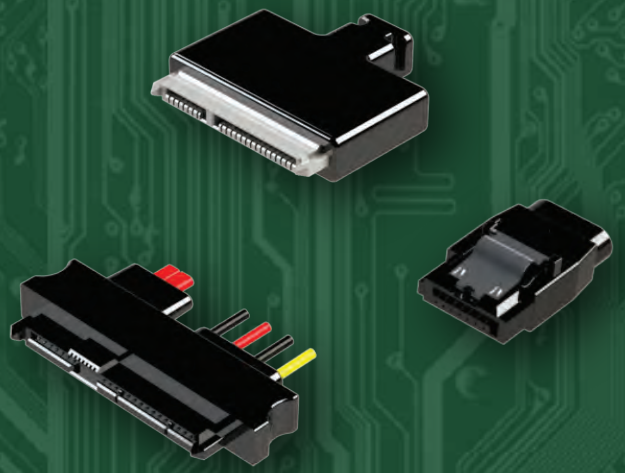
EDAC HDMI connectors deliver superior high resolution video.

Industry standard footprints and board heights to match your designs.

For More Information
www.edac.net

SATA Connectors

EDAC E-Sata Connectors are an established computer bus solution interconnecting mass storage devices in a system. E-Sata has similar infrastructure to standard USB's but utilizes 7 contacts. Both data and power can be transmitted through a single connector.



Features

- Single port 7 contacts
- Plating options from gold flash to 30u" gold
- Right angle or vertical orientation
- Standard or high temp Insulators available
- Synchronous and asynchronous data transfers

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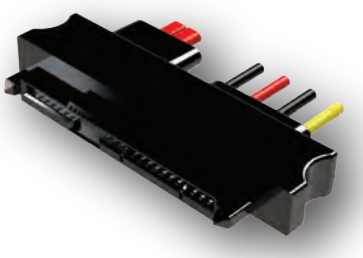
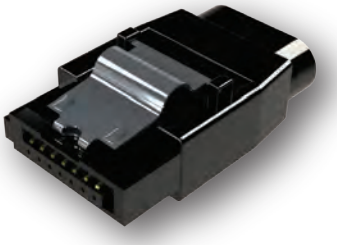
SATA Connectors

Series	Total No. of Contacts	Plating	Contact Code	Ins. Material	Type
690	07	Flash-30u”	Rt Angle/Vertical	PA9T/LCP	E-SATA

Industry standard product for connecting mass storage devices

E-Sata is utilized both inside and outside servers for external peripherals

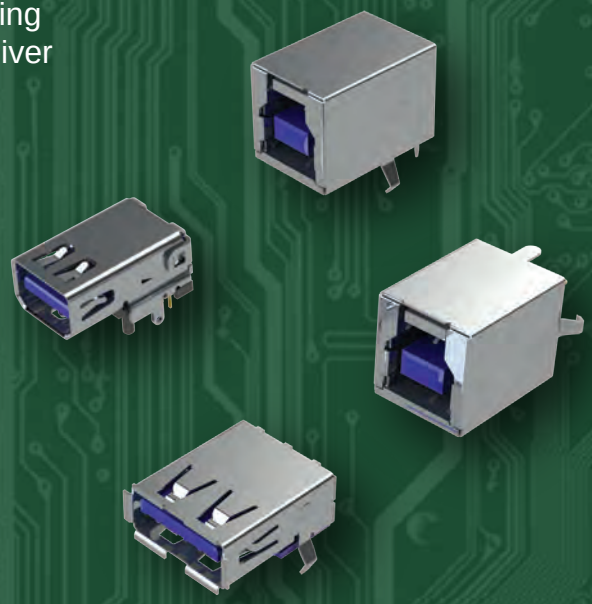




For More Information
www.edac.net

Display Port Connectors

EDAC USB 3.0 display port connectors are utilized for high speed video interface applications. Hot pluggable and with high mating and retention forces. These durable connectors efficiently deliver video signals at high speeds.



Features

- Single or dual port Type 3.0 standards
- Up to 5 Gbps communication speed
- Industry standard plug and play technology
- Hot pluggable
- Compatible with asynchronous and isochronous data transfer methods

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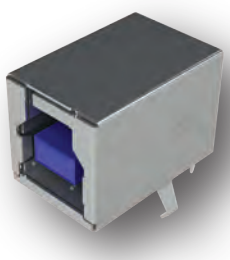
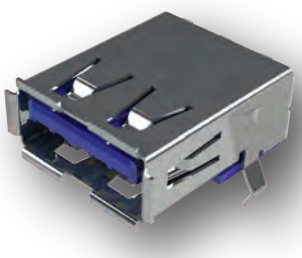
Display Port Connectors

Series	Contacts	Plating Options	Contact Code
690	20	Flash-30u” gold	1

High speed video signal interface

Hot pluggable with solid mating force!

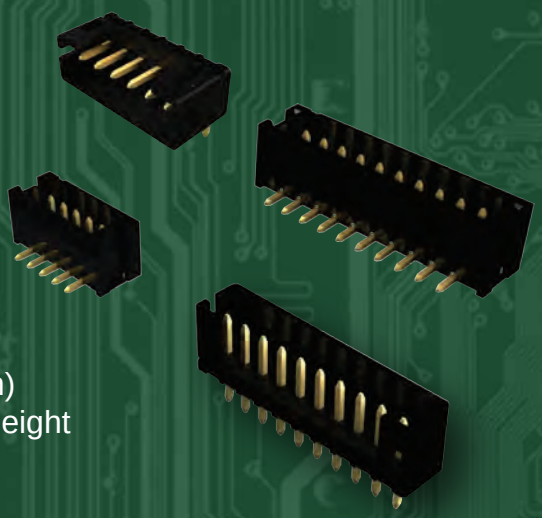




For More Information
www.edac.net

Wire to Wire & Wire to Board Connectors

The EDAC E-WTB wire to board connectors provide a reliable and economical connection. These shrouded headers are available in a variety of positions. Right angle, vertical, SMT or through hole mounted to the PCB, these connectors are ideal for use in wire harness applications and can be customized to meet your design parameters. Compatible with leading industry connectors as drop in replacements.



Features

- 0.079" (2.00mm) contact spacing
- For use with PC board thickness: 0.047" (1.2mm) to 0.062" (1.6mm)
- Low profile insulator body: 0.185" (4.7mm) width, 0.240"(6.10mm) height
- Contact termination options include: P.C. tail and surface mount
- Top entry or side entry configurations
- Designed for high-density connection of internal wires to PCB

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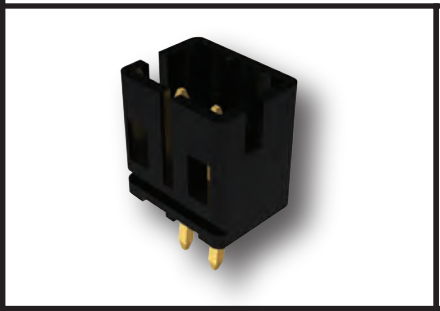
inLINE+

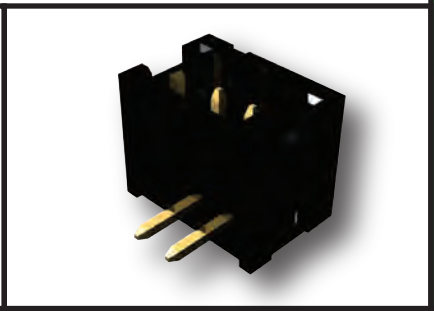
Wire to Wire & Wire to Board Connectors

Series	No. of Contacts	Latching	Current Rating	Top or Side Entry	Through Hole or SMT
140	2-16	Yes	2 amps	Both Available	Both Available

Economical wire to board interconnect solution with E-WTB shrouded headers

Easily customized to meet all design parameters





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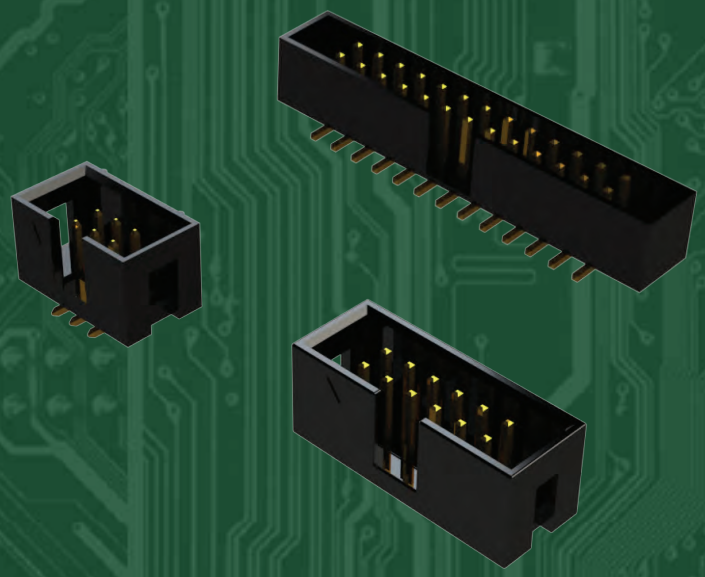
For More Information
www.edac.net

Box Header Connectors

EDAC Box headers are widely used for board to board or wire to board connections. Right angle, vertical and even custom bends are available. The breakaway design allows for separation into smaller units.



Features

- Various contact pitches available
- Single or double row
- Plating options from gold flash to 30u"gold
- Open or closed ends with or without latches
- Various housing height options

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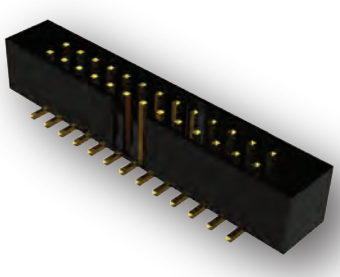
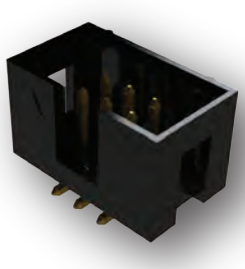
www.edac.net

eMATE+

Box Header Connectors

Series	Contact Pitch Options	Contacts	Plating Options	Number of Rows	Tail Types	Housing Height Options	End Termination Options
150	7	4-80	Tin or Flash - 30u" Gold	1 or 2	15	12	7





EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

Box headers for relaible PCB interconnect

Latching options for superior shock and vibration resistance

EDAC

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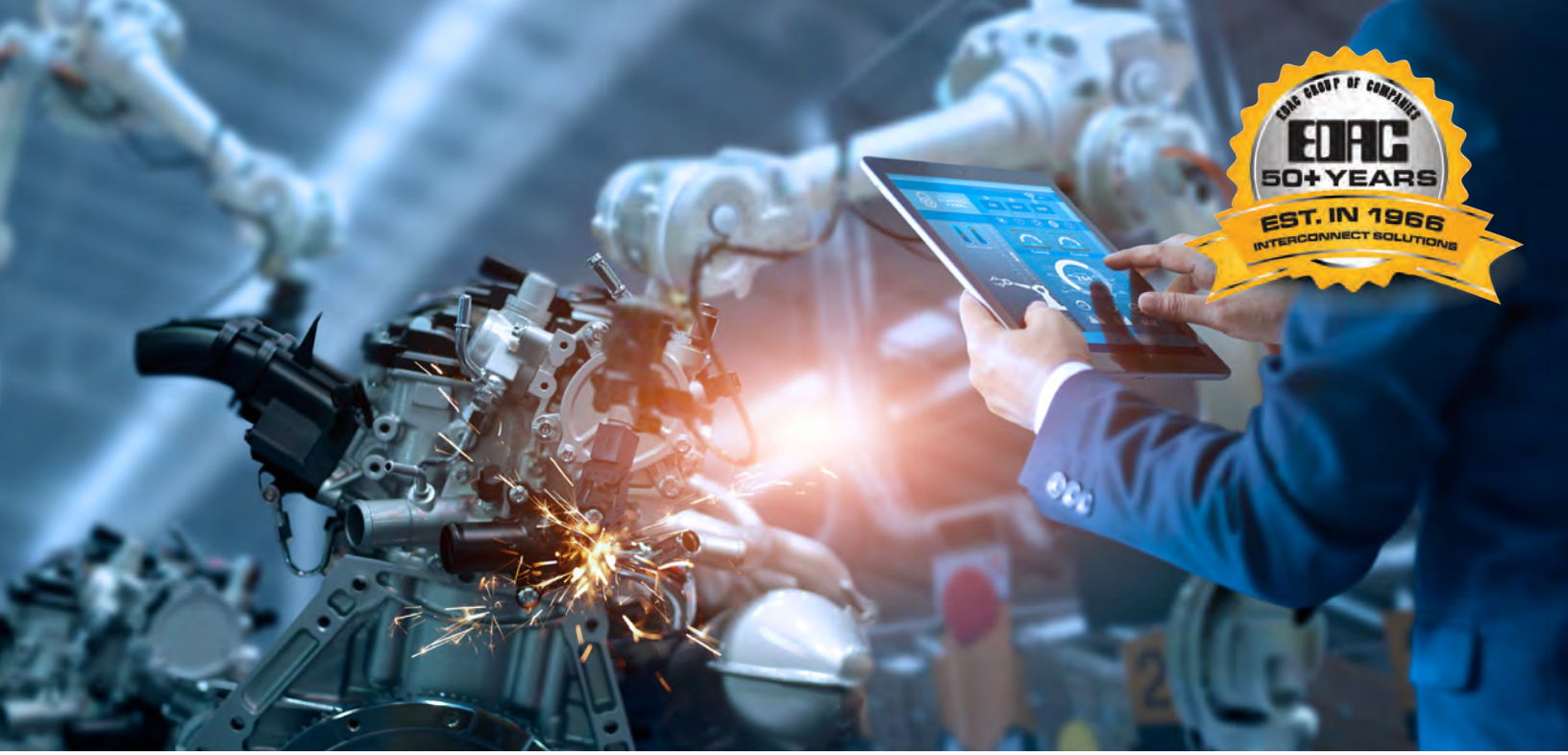
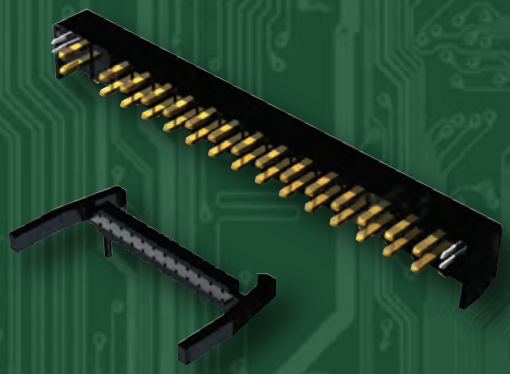


Pin Header Connectors

The EDAC E-PIN male headers mate with the E-Socket receptacles providing a reliable and economical BTB connection. Available in multiple contact spacing options, in single, two or three row configurations. Termination styles include vertical or right angle through hole, and SMT. Contacts can be supplied with tin or various gold plating thicknesses. Available with customized mating heights, special bends, and much more.



Features

- Header posts can be cut to any height and board depth
- Wide variety of plating options
- Vertical, right angle or custom bends
- Breakaway design allows for easy separation into smaller units
- Colored insulators are available
- Wide range of custom capabilities and options
- High temperature materials are available
- 200 mating cycles minimum
- RoHS compliant

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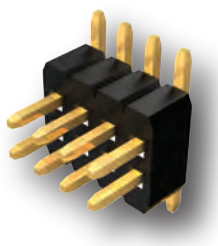
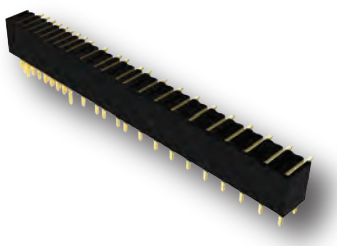
Pin Header Connectors

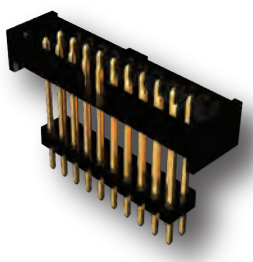
Series	Pitch Options	No. of Contacts	Plating	Rows	Tail Type Options	PKG. Options	Pin Height Options	Ins. Thickness Options	Ins. Type Options
151	8	2-80	Tin or Flash to 50u" gold	1-3	15	8	33	10	6

Simple and effective board to board or wire to board interconnect solution

Easily customized to meet your design parameters







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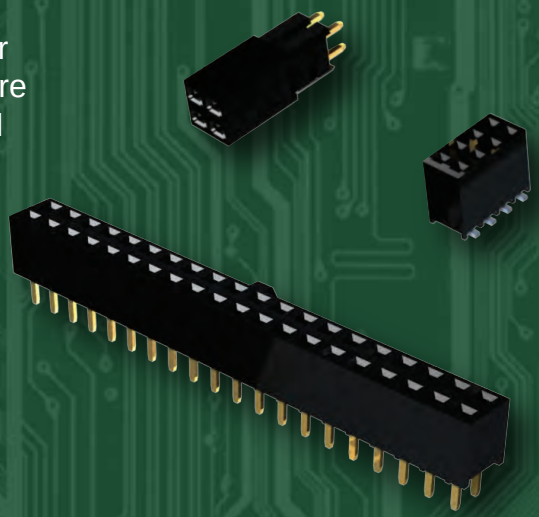
Socket Header Connectors

The EDAC E-Socket receptacle headers mate with the E-Pin plug headers providing a reliable and economical BTB connection. A wide variety of sizes, in single, two or three row configurations. Multiple contact spacing options, and contact plating options, and are available in vertical or right angle, for through hole or SMT mounting to the PCB. These headers are easily customized to facilitate special mating heights, special contact bends, and much more.



Features

- Wide variety of plating options
- Vertical, right angle or custom bends
- Sockets available with right angle and SMT contacts
- Colored insulators are available
- Wide range of custom capabilities and options
- High temperature materials are available

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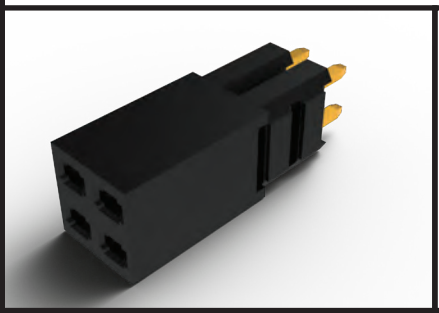
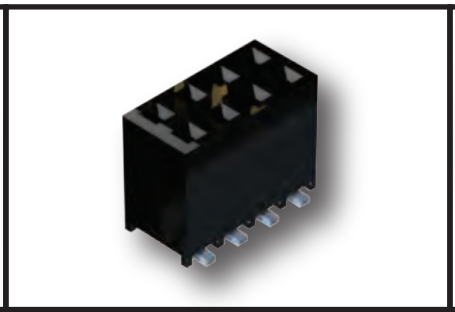
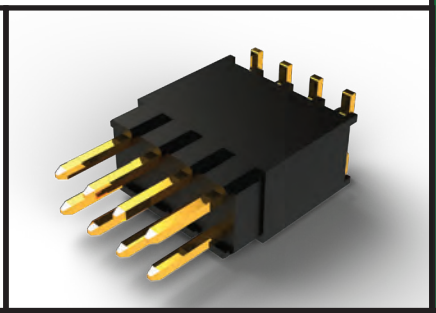
Socket Header Connectors

Series	Pitch Options	No. of Contacts	Plating	Rows	Tail Type Options	PKG. Options	Housing Height Options	Ins. Type Options
153	7	2-80	Tin or Flash to 50u" gold	1-3	19	8	20	2







EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

Simple and effective board to board or wire to board Interconnect Solution

Easily customized to meet your design parameters

EDAC

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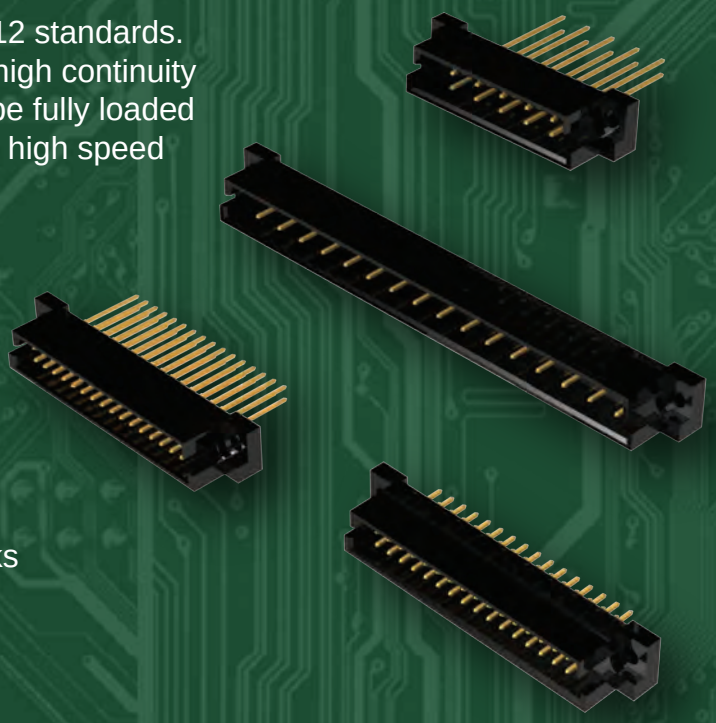
Din Header Connectors

EDAC DIN connectors are fully compliant with 41612 standards. High density metal to metal connections provide a high continuity interconnect solution in backplanes. Contacts can be fully loaded or selectively loaded to protect against cross talk in high speed applications.



Features

- From 5 to 96 contacts available in three rows
- Plating options from flash to 30u" gold
- Solder tail, wire wrap and press fit terminations
- Mounting options include through hole or boardlocks
- Wide operating temp range of -55° C to +105° C

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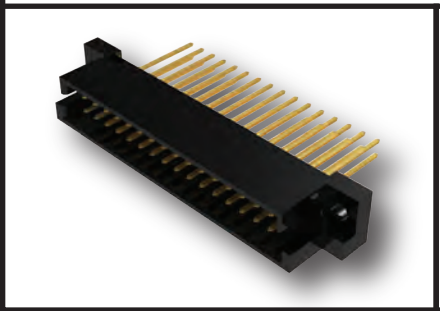
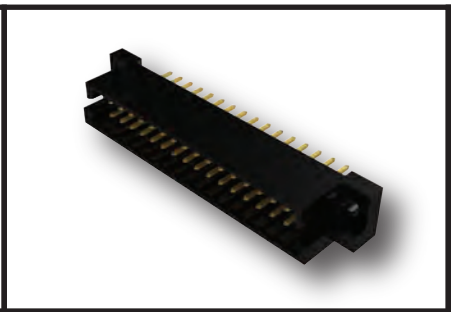
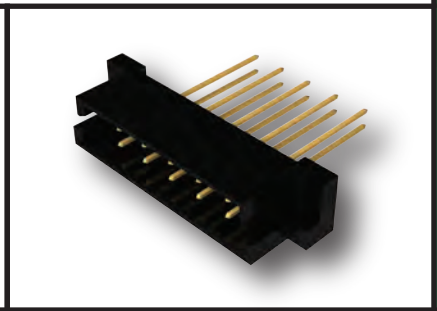
Din Header Connectors

Series	No. of Contacts	Plating	Contact Options	Contact Row Arrangements	Contact Spacing Arrangements
461	5-64	Flash-30u" gold	8	2	2
462	5-64	Flash-30u" gold	1	2	2
463	8-64	Flash-30u" gold	1	2	2
464	8-64	Flash-30u" gold	2	2	2
493	5-96	Flash-30u" gold	8	3	2
494	8-96	Flash-30u" gold	1	3	2
495	8-96	Flash-30u" gold	1	4	2
496	8-96	Flash-30u" gold	8	3	2







EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

Rugged Board to Board Connections

Hi Reliability Backplane Interconnect solution

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Waterproof D-Sub Connectors

The EDAC D-Seal series of IP67 rated waterproof D-Subminiature connectors are available in both standard and high density packages. Plug & receptacles in 9, 15, 25, 26 and 44 pin versions are available as well as high power combo configurations. Vertical and right angle footprints, with a variety of termination styles, contact plating thicknesses, and mounting options are available. A solid performer in ruggedized applications and harsh environments.

Features

- Standard and high density plug and receptacles in 9, 15, 25, 26 and 44 contact pin sizes
- Signal along wih high power contacts up to 40 amps combined in one connector
- Plug shell indents provide grounding and additional mating retention
- Mounting options for panel mount or connector mating include threaded inserts and threaded standoffs
- Epoxy sealed by special process providing zero ingress, no wicking up leads and a smooth molded finish with no air bubbles. Combined with solid O-ring seal to panel
- Degree of Protection: IP67 as per IEC60529

EDAC

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D-SUB+

D-seal+ Waterproof Connectors

Waterproof D-Sub Connectors

Series M/F	No. of Contacts	Plating Options	No. of Contact Codes & Density	Ins. Color Options	Shell Plating Options	Flange Mtg. Options
627W/628W	9-25	Flash-30u" gold	4 Std.	1	1	3
629W/630W	9-25	Flash-30u" gold	4 Std	1	1	3
633W/634W	15-44	Flash-30u" gold	3 High	1	1	1
637W/638W	15-44	Flash-	3 High	1	1	1

Waterproof Power Combo D-Sub Connectors

Series M/F	No. of Contacts Power / Signal	Plating Options	No. of Contact Codes & Density	Ins. Color Options	Shell Plating Options	Flange Mtg. Options
627WC/628WC	1-5 / 0-20	Flash-30u" gold	12 Std.	1	2	4
629WC/630WC	1-5 / 0-20	Flash-30u" gold	12 Std.	1	2	6

EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

Widest range of options available to meet all design requirements

Superior IP67 Waterproof solution that withstands harsh envrionments

EDAC

For More Information

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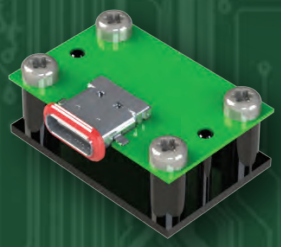
Waterproof USB Connectors

Waterproof panel mount USB connectors Type A and B standard and micro are available offering IP67 grade protection. Quarter turn twist and lock bayonet style system offers easy mating and ultra secure connections. IP67 Waterproof board mount USB connectors feature full epoxy sealing of the contacts and an O-ring seal to the panel.

Features

- Standard USB Type A, Micro USB, Mini USB & bayonet style are available
- 1.2Mbps or 480Mbps communication speeds
- 480Mbps communication speed compatible with USB 2.0 standard
- Compatible with asynchronous and isochronous data transfer methods
- Silicone rubber seals for tight seal to panel
- Bayonet locking system for safe mating under severe vibration or shock conditions
- Micro USB board mount and type C available with all rated IP 67



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USB+

E-seal+ Waterproof Connectors

Waterproof USB Connectors

Series	No. of Contacts	Plating	Contact Codes	Ins. Color	Type
690W	4-5	Flash-30u”	Straight/SMT	Black	A/B Micro B

Solid waterproof connection with superior shock & vibration resistance.

Built to withstand the most harsh envrionments.

EDAC

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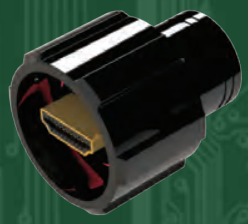
Waterproof HDMI Connectors

E-seal waterproof HDMI connectors follow industry standards and are available with a quarter turn, twist and lock, bayonet locking system offering easy mating and an ultra secure connection. Fully sealed on the back end with an O-ring seal to the panel insures no water ingress. These IP67 rated connectors are fully submersible and deliver high speed video transmissions resulting in very high resolution images.



Features

- Plating options from gold flash to 30u" gold plating
- Quarter turn, twist and lock, bayonet style locking mechanism
- Silicone rubber seals and fully potted terminals
- Hot pluggable
- Synchronous or asynchronous high speed data transmissions

EDAC

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HDMI+

E-seal+ Waterproof Connectors

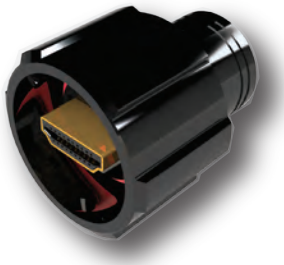
Waterproof HDMI Connectors

Series	No. of Contacts	Plating Options	Contact Codes	Ins. Material	Type
690W	19	Flash-30u”	Rt Angel/Vertical	PA9T/LCP/PA6T/PA66	A
690W	19	Flash-30u”	Rt Angel/Vertical	PA9T/LCP/PA6T/PA66	C Mini
690W	19	Flash-30u”	Rt Angel/Vertical	PA9T/LCP/PA6T/PA66	D Micro
690W	19	Flash-30u”	Rt Angel/Vertical	PA9T/LCP/PA6T/PA66	E
690W	19	Flash-30u”	Rt Angel/Vertical	PA9T/LCP/PA6T/PA66	B
690W	38	Flash-30u”	Rt Angel/Vertical	PA9T/LCP/PA6T/PA66	A Dual Stack

Receptacle Waterpoof

Series	No. of Contacts	Plating Options	Contact Codes	Ins. Material	Type
691W	19	Flash-30u”	Rt Angel/Vertical	PA9T/LCP/PA6T/PA66	A
691W	19	Flash-30u”	Rt Angel/Vertical	PA9T/LCP/PA6T/PA66	C Mini
691W	19	Flash-30u”	Rt Angel/Vertical	PA9T/LCP/PA6T/PA66	D Micro
691W	19	Flash-30u”	Rt Angel/Vertical	PA9T/LCP/PA6T/PA66	E
691W	19	Flash-30u”	Rt Angel/Vertical	PA9T/LCP/PA6T/PA66	B
691W	38	Flash-30u”	Rt Angel/Vertical	PA9T/LCP/PA6T/PA66	A Dual Stack

Waterproof Plugs



EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

Premium IP67 connector with secure locking mechanism

IP67 waterproof connection with superior shock & vibration resistance!

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Waterproof Wire to Wire & Wire to Board

The EDAC E-Inline family of waterproof plug and socket connectors provides a reliable interconnect solution in harsh environments. Single or double latch insulator designs insure superior shock and vibration resistance. A variety of styles are available for different wire gauge applications. These utilize simple crimp and poke contacts. Optional contact plugs are available for use when all contact positions are not required. Additional contacts/wires can then be added in the field.

Features

- Rated current from 3 to 10 Amps for use with wire sizes from 28 to 14 AWG
- 560 and 572 series offer double latch solution
- Available in wire-to-wire and wire-to-board options
- True crimp and poke solution
- Internal polarization to prevent mismating
- Available with wire already installed
- Waterproof grade IP52 and IP67 certified

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inLINE+

E-seal+ Waterproof Connectors

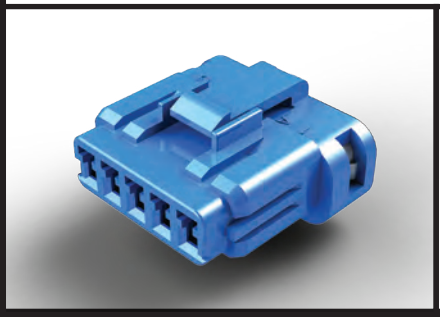
EDAC 50+ YEARS EST. IN 1966 INTERCONNECT SOLUTIONS

Waterproof Wire to Wire & Wire to Board Connectors

Series	No. of Contacts	Pitch	Current Rating	Latch Type	Polarized	Pre-Installed Seals	WP Grade
560	2, 3 and 5	2.5mm	3 amps	Double	Y	Y	IP67
565	2, 3 and 5	2.5mm	3 amps	Single	Y	Y	IP67
566	2, 3, 4 and 6	2.0mm	2 amps	Single	Y	Y	IP67
567	2, 3, 4, 6 and 9	5.0mm X 5.9mm	8 amps	Single	Y	N	IP52
568	1	N/A	12 amps	Single	Y	N	IP52
570	1, 2 and 3	5.8mm	10 amps	Single	Y	N	IP67
572	1, 2 and 3	5.8mm	10 amps	Double	Y	N	IP67

Premium Waterproof wire to wire or wire to board solution

Optional Port Plugs allow circuits to be added in the field



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Cable Assemblies

EDAC specializes in custom cable assemblies to meet or exceed the needs of your application. We have an extensive array of connectors to utilize in connecting your world. Various cable lengths, shielding, custom colors, customized connectors, wire gauges, jackets, latching mechanisms and custom markings are available.

Features

- Standard lengths from 1 to 10 meters 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

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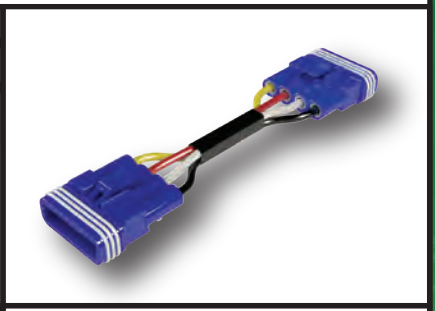
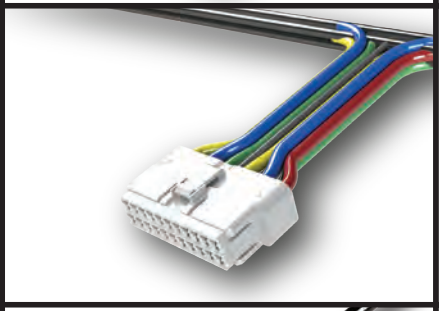
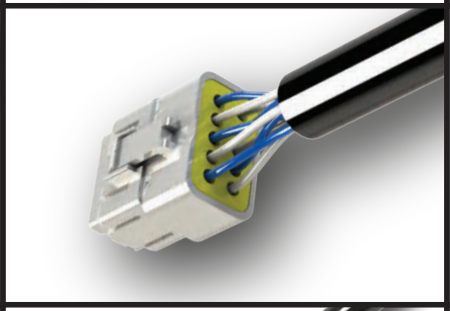
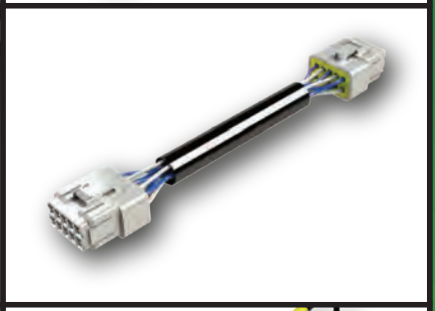
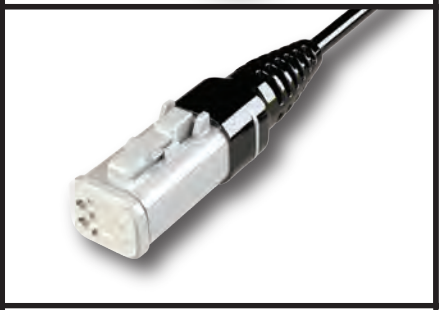
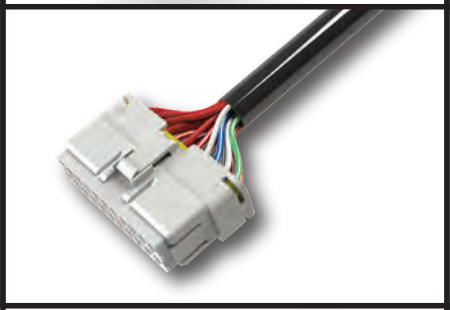
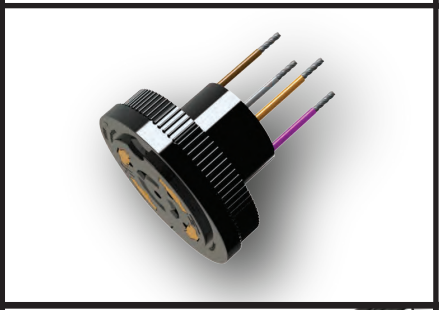
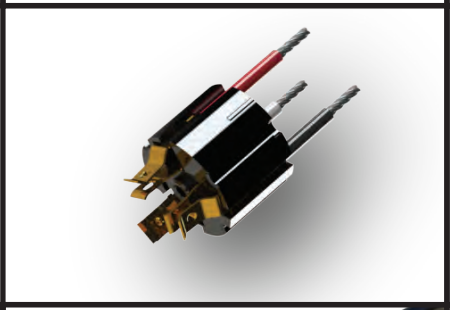
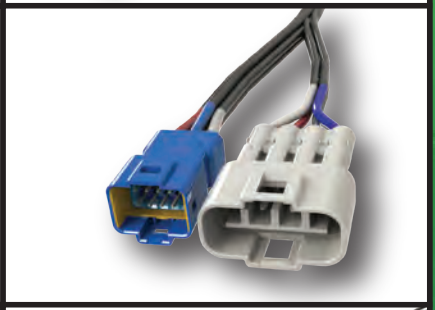
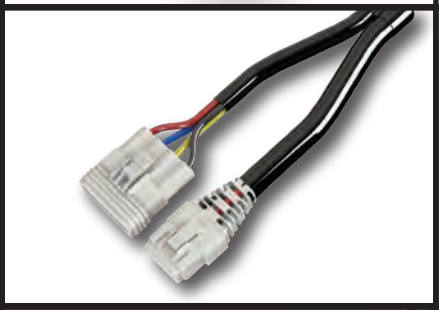
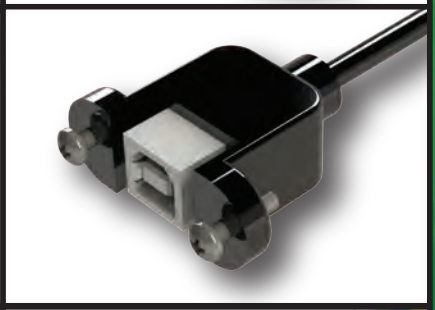
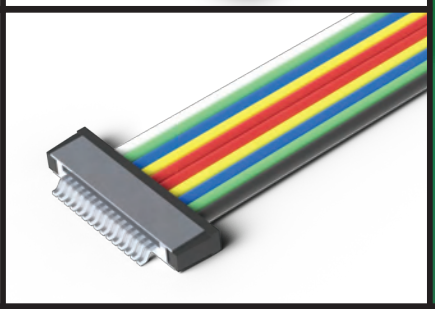
Cable Assemblies





Premium high quality cables built to your exact specifications!

Let EDAC connect it all together for a top quality interconnect solution!

For More Information

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Custom Connectors

At EDAC we specialize in custom solutions meeting specific application requirements in either full custom designs or through modifications of standard products. We offer quick turn around with first article samples in as little as 4 weeks. Our engineering team will take your ideas and turn them in to reality.

Features

- Special technical requirements including high voltage or high temp
- Custom sealing to allow for use in harsh environments
- Built in security features such as keyed entry and locking systems
- Variations of standard products to fit the application for size and function
- Modifications to match competing products to fulfill end of life situations

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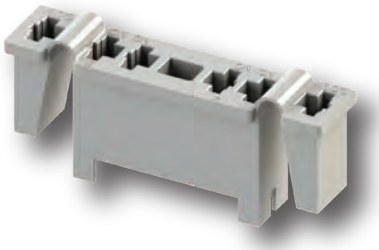
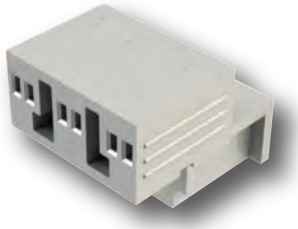
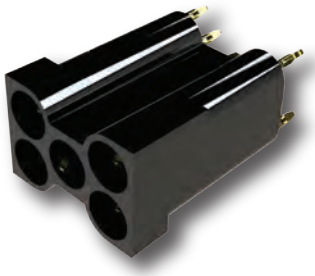
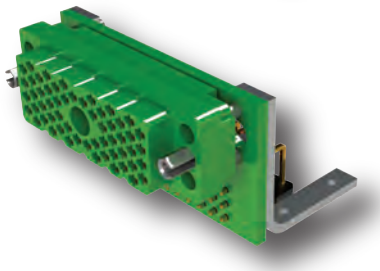
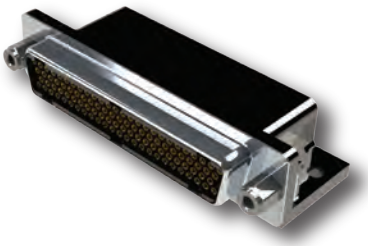
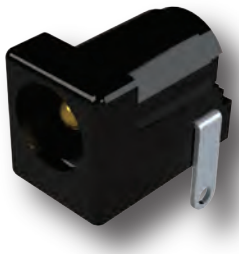
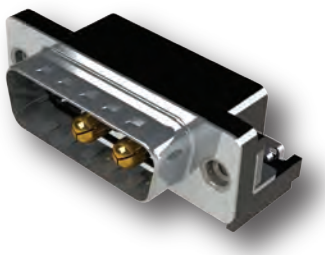
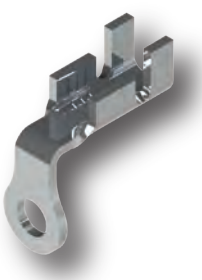
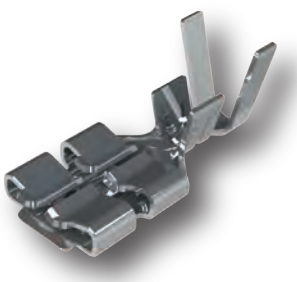
Custom Connectors



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