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Amphenol

D-Shaped Connectors



Adapter / Saver

D-Sub Gender Changers and Adapters offer a simple solution to change the functionality of your existing connector. A D-Sub Connector Saver can add longevity and durability to your system. Both are optimal to use in the prototype phase of your project.



Combo-D

Positronic Combo-D connectors are a combination of signal and power and are part of the D-sub family. Combo-D connectors are used in military, communications, space, industrial, and medical applications. These connectors are available in various performance levels for the best cost/performance ratio.



CONEC D-SUB Filter connectors

Conec filtered connectors are available in the D'sub family: sizes 9 thru 50 in the standard density, and 15 thru 62 positions for the High Density types. In addition, the power versions of 2W2, 3W3, 5W5, and 8W8 are available with much higher capacitor values.



CONEC D-Sub Series

CONEC D-SUB connectors are available in five standard housing sizes in the variants Standard, High Density, and Combination with or without filters.



CONEC IP67 D-Sub Series

These connectors are used where dust and spray water occur and the functioning of usual connectors would be negatively affected. These connectors are available as standard, high density, filter, or combination in the usual pole number.



CONEC IP67 D-SUB SlimCon

The most important reasons: • 1:1 conversion from IP20 to IP67 interfaces possible • Saving of installation space • Robust one-piece zinc die-cast housing • different series available (ST, HD, Combination)



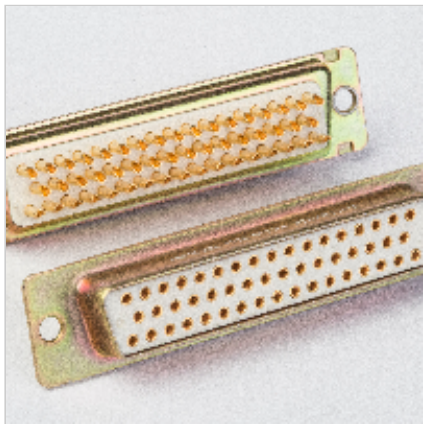
CONEC SnapLock D-Sub Hoods & Connectors

You are searching for a D-SUB hood system that enables quick and easy locking and unlocking without additional tools? That allows a locking even at poorly visible device interfaces due to the audible and tangible "click"? Do you want to upgrade an existing system with quick-release Hoods? The new CONEC SnapLock locking system consists of D-SUB connectors and D-SUB hoods allowing quick locking.



D-Sub Cable Connectors

FCI Basics D-Sub Cable Connectors span across signal and power applications in computer equipment, cash register, and high-end industrial cabinets. Signal connectors are available as removable crimp contacts, and power connectors in crimp, solder bucket, and wire wrap terminations.



D-Sub Connectors

Amphenol India M2000 series D sub connectors are MIL qualified & listed in QPL, Product meets the requirement of MIL-DTL-24308, M2000 series D sub subminiature Rack & Panel type connectors with a polarized shell having pin & socket machined contacts which provide high reliability & Density for the connectors.



Dsub Custom Specials

DSUB CONNECTORS FOR CUSTOM APPLICATIONS Amphenol has proven capability to work with customers and develop special product extensions to meet their custom applications. This can be to meet special polarization requirements, fitment to their special panel cabinets, extra standoff to meet the height requirements, assemblies for cable application, etc.



D-Sub Dual Port Connectors

Amphenol ICC's D-Subminiature product line offers a wide range of termination options for board and cable ends, bringing down the overall cost of cable assembly and connectors significantly. The terminations include Straight, Right Angle, SMT, Press Fit, and Slim Sunk for board side, and Solder Cup, Crimping, IDC Ribbon, Solderless Wire Wrap, and Screw Termination for cable side.



D-Sub Economy Range Board-Mount Connectors

FCI Basics D-Sub Economy Range Board-Mount Connectors are proven solutions designed to meet less demanding applications while meeting all their design requirements. These connectors have guaranteed durability of 50 mating cycles. Board connectors are available in straight and right-angle versions, while cable connectors are available in solder bucket and crimp styles.



D-Sub High Density Board-Mount Connectors

FCI Basics D-Sub High-Density Board-Mount Connectors, based on the compact-D form factor, complete your board and system designs by providing high-density and high-speed interfaces. The high-speed, power, assembly, and mechanical packaging expertise, aids in getting the signals out of the box at optimal cost and performance, while accommodating up to 78 positions in standard shell sizes.



D-Sub High Density Connectors

Amphenol ICC's D-Subminiature high-density product line offers a wide range of termination options for board and cable ends, bringing down the overall cost of cable assembly and connectors significantly. The terminations include Straight, Right Angle, SMT, Press Fit, and Slim Sunk for board side, and Solder Cup, Crimping, IDC Ribbon, Solderless Wire Wrap, and Screw Termination for cable side.



D-Sub High Performance Board-Mount Connectors

FCI Basics D-Sub High Performance Board-Mount Connectors are designed for severe environment applications in the field of telecommunications, aerospace, military (125°C) class and for particularly severe applications, especially high temperature (+155°C) class. They feature machined contacts and is available in solder bucket, straight spills, angled spills, and wire wrap terminations.



D-Sub Hybrid Connectors

Amphenol ICC's TW Hybrid D-Subminiature connectors offer a wide range of termination options for board and cable ends, bringing up an overall solution of cable and PCB assemblies. The terminations include Straight and Right Angle for the board side, and Solder Cup and Crimping (for power pin only) for the cable side. Each termination variant has both socket and plug connectors.



D-Sub MicroTCA Connectors

FCI Basics D-Sub MicroTCA Connectors are power module I/O interconnects for 48V applications designed in accordance with TCA specifications. The concept is based on the single-shell Delta D design, and power contacts handle up to 24A. PCB connectors are proposed in traditional Solder-to-board and Pin-in-Paste versions for optimized applied cost.



D-Sub Pin-in-Paste Connectors

FCI Basics D-Sub Pin-in-Paste Connectors are now available in Pin-in-Paste (Through Hole Reflow) versions in standard and compact form factors. Pin-in-Paste technology (PiP) allows the use of Through Hole products in SMT manufacturing processes. The connectors use high-temperature thermoplastic that can withstand reflow soldering temperatures up to 260°C to facilitate PiP soldering.



D-Sub Power Board-Mount Connectors

FCI Basics D-Sub Power Board-Mount Connectors features full power and mixed power versions specifically developed for power applications in industrial and telecom market segment. Board connectors feature preloaded power contacts from 10 to 40A with up to 8 contacts in full power versions. Cable crimp and solder power contacts feature colour-code plastic clips for easy wire gauge identification.



D-Sub Press-Fit Connectors

FCI Basics D-Sub Press-fit Connectors are available in single-shell Delta-D, high density, and mixed power designs, saving the cost of an additional wave soldering. The "Eye of the Needle" termination technique combined with a unique flat-rock design supports easy application by pressure on the insulator. Insertion kits are available for the process.



D-Sub Slimline

ULTRA SLIM D-SUB CONNECTORS FCI Basics has expanded the D-Sub connectors with a modified ultra-slim body with contact alignment in a single row. These are available both in SMT termination suitable for reflow soldering and solder tail version for standard wave soldering. These connectors also feature solderable retention pegs that absorb vibration.



D-Sub SMT Connectors

D-Sub connectors are now available with Surface Mount Termination (SMT) in standard form factors. The connectors use high-temperature thermoplastic that can withstand reflow soldering temperatures up to 260°C to facilitate SMT soldering. The products are UL recognized and lead-free.



D-Sub Standard Board Mount Connectors

FCI Basics D-Sub Standard Board Mount Connectors are standard density I/O products widely across various market segments. The stamp and rolled contacts complementing the full metal shells are available in solder, straight, and angled versions. They also come with single-shell (Delta-D) and double-shell designs.



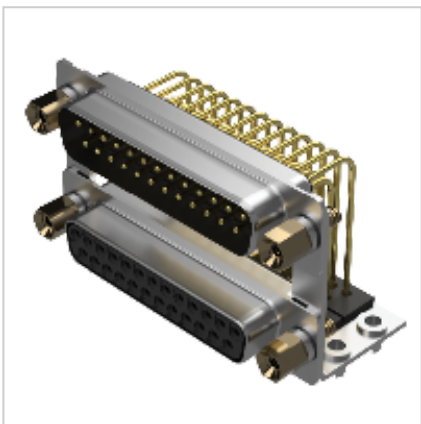
D-Sub Standard Density Connectors

Amphenol ICC's D-Subminiature standard density product line offers a wide range of termination options for board and cable ends, bringing down the overall cost of cable assembly and connectors significantly. The terminations include Straight, Right Angle, SMT, Press Fit, and Slim Sunk for board side, and Solder Cup, Crimping, IDC Ribbon, Solderless Wire Wrap, and Screw Termination for cable side.



D-Sub Waterproof Connectors

Amphenol ICC's IP67 Waterproof D-Subminiature product line offers the terminations for board and cable ends, bringing down the overall cost of cable assembly and connectors significantly. The terminations include Straight and Right Angle for the board side and Solder Cup for the cable side. Each termination variant has both socket and plug connectors.



Dual Port

Positronic Dual Port series utilize two (or more) D-sub connectors that are vertically stacked and assembled into a single connector unit. This allows for space savings on panels and printed boards. Dual Port series connectors are recommended for use in sheltered, non-corrosive indoor or outdoor environments.



Environmental D-Sub

Positronic Environmental D-sub series is designed for applications requiring dust or spray protection. Our connection systems are compatible with environmental protection to IEC 60529 and NEMA 250-1991 performance requirements for electrical enclosures. Positronic offers three dust and water ingress protection connection systems.



Filter D-Sub Connectors

FCE17 D-Sub Filter Connectors provide filtering of unwanted EMI, protecting the integrity of data signals in a mechanically stress-isolated design to ensure that capacitive elements survive shock and vibration. Improved EMI controls outperform the same filter components on a PCB.



Filtered D-Sub Connectors

FCI Basics Filtered D-Sub Connectors safeguard the function of electrical devices and systems in critical applications by offering EMC protection and by maintaining signal integrity. The connector additionally incorporates a filter element mounted between each contact and the ground shell of the standard D-Sub without having to alter footprint dimensions.



HDB3/HSB3

Incorporates a higher density contact pattern and lower mated height than Amphenol's standard low mating force rectangular connectors. HDB3 connectors utilize the same durable and reliable B3 brush contact in a tighter .070" X .060" staggered grid pattern. Up to 160 brush contacts with data rates up to 6.250 Gb/s via 100 ohms matched impedance differential pairs. 100,000 mating cycles.



Hermetic

Positronic Hermetic Series is designed for space and industrial vacuum applications. All of our hermetic connectors have been 100% leak tested after fabrication, and conform to the MIL-DTL-24308, Goddard, and the SPACE-D32 specifications.



High Density D-Sub

Positronic offers a variety of standard and high-density D-sub, as well as accessories and ComboD-sub connectors. Highly reliable with precision-machined contacts, our connectors meet various industrial and military performance levels for applications from basic power supplies to advanced weapon systems and flight. Explore our design features including package size, contact, and mating variants.



IP67

IP67 rated D-Subs are built to protect your electronics from ingress of dust, solids, water, and other liquids. Sealing is available in PCB mount and Crimp Removable.



MACH-D

Positronic MACH-D connectors are built with precision machined shells providing superior EMI shielding, which protect against electronic disruptions, guard against data loss, & defend against system failure. They offer standard & high density signal contact arrangements as well as hybrid versions, combining power & signal in a single connector body. A wide variety of accessories are available.



Micro-D

Amphenol micro connectors provide small inter-connect solutions, which will meet or exceed the requirements of the Mil-DTL-83513 for both Mil style and commercial products. Can be filtered. See our M13 series. Custom solutions can easily be engineered to ensure exact performance in any application.



MIL-DTL-24308 Connectors

Positronic M24308 connectors are an important designation for ensuring quality, high reliability. It meets and often exceeds, the requirements under the M24308 specification. Our connectors have gone through rigorous testing to certify quality and performance. You can find them used in communications, information technology, aircraft, missiles, and related ground support systems and satellites.



Optik-D

"The Optik-D™ fibre-optic connector solution is for designers who need to terminate optical cable in harsh or challenging environments. It is an ARINC 801 conforming fibre-optic connector designed to be used with the Positronic Combo D-Subminiature family. Optik-D is more cost-effective than D38999 or ARINC 600-based systems and is compatible with ARINC 801 products from other manufacturers.



Rugged D-Sub

RUGGED D-SUB PANEL MOUNT CONNECTOR IP67 SEALING Ruggedized D-sub connectors with die-cast housings and IP67 sealing for Harsh Environment applications, provide reliable performance in extreme conditions for the most demanding applications and mate with standard connectors.



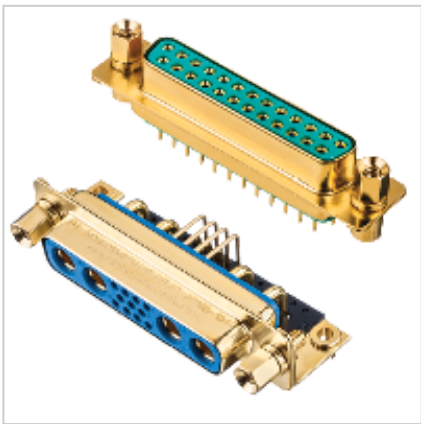
SD308

For Sea, Air or Land, these connectors are SEALED! Amphenol's SD308 Sealed D-Subminiature Connectors are available in the full range of standard density and hi-density insert arrangements, pin and socket contacts. These connectors are supplied with fixed screw-machine contacts and are available in Solder Cup, Straight PCB, and Right Angle PCB terminations.



Solderless Mount Micro-D

This standard Micro-D interface connector is equipped with Amphenol surface mount clip technology. It is fully intermateable with standard M83513 connectors but provides a reduced footprint allowing for increased contact density. It eliminates the need for washing and soldering processes saving time and cost in PCB assembly. It allows for double-sided PCB design for more components.



Spaceflight

High-performance connectors that meet the stringent qualifications required for space flight, including the Goddard Space Flight Center S-311 and MIL-DTL-24308 Class M specifications. Our D-Subminiature spaceflight series connectors work well in aviation and space flight applications.



Standard Density D-Sub

Positronic offers a variety of standard and high-density D-sub, as well as accessories and ComboD-sub connectors. Highly reliable with precision-machined contacts, our connectors meet various industrial and military performance levels for applications from basic power supplies to advanced weapon systems and flight. Explore our design features including package size, contact, and mating variants.

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