



FCT D-SUB PRODUCTS >

FCT D-Sub Connectors are a reliable solution found in a broad range of applications and various industries. These connectors are time-tested and commonly used for signal transmission, communications, power distribution, control panels and test equipment.

FCT D-Sub products are readily available in a wide variety of materials and plating combinations. Specialty D-Sub connectors include waterproof IP67, filtered, non-magnetic, and non-outgassing. If a new configuration is required, Molex can conveniently provide a tailored solution.

FCT Precision Machined Contacts provide higher current, lower resistance and greater durability compared to stamped contacts. They provide a secure and reliable, semipermanent electrical path between two devices. Each series offers five different shell sizes. Additionally, available mating combinations include wire- to-wire, wire-to-board and board-to-board interconnects.

A variety of backshells are also offered to provide strain-relief, connector protection and cable dressing—completing the cable assembly. Backshells for FCT D-Sub Connectors meet industry needs for time efficiency and cable management. Full turnkey cable assemblies are also available.

KEY ADVANTAGES

Plastic and metal backshells

- Offer cable strain relief
- Provide robust coupling of connectors
- Organize cable routing in confined spaces

Machined contacts

- Provide superior current-carrying capacity
- Offer contact variety and plating options
- Offer high mating cycles and increased strength over stamped contacts

Non-magnetic available

- Includes non-ferrous materials

D-sub connector accessories available

- Provide a tailored solution to standard D-sub connectors
- Provide the following options: protective caps, brackets, latching, panel mounting, board mounting and various hardware accessories

Water-proof IP67 available

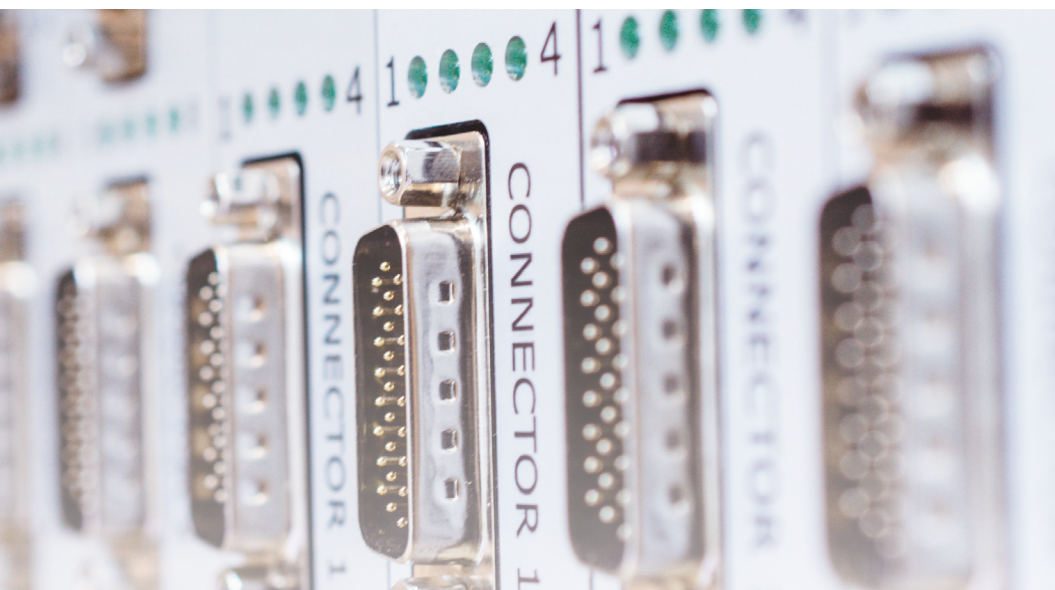
- Offers Zinc die-cast frames that are watertight and provide mechanical strength, shielding and rust retardant qualities

MARKETS

Industrial Automation
Medical
Telecommunications/Networking
Data/Computing

KEY APPLICATIONS

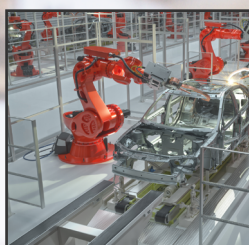
- Applications exposed to water spray
- Dense connector spacing
- Long cable runs
- MRI
- Patient monitoring devices
- Medical test equipment
- Communications infrastructure
- Head-end equipment
- Rack mount servers
- Mobile applications



Medical



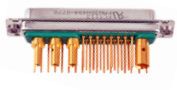
Data/Computing



Industrial Automation

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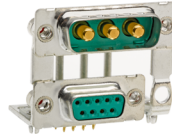
D-Sub Connectors



STANDARD DENSITY



HIGH DENSITY



MIXED LAYOUT

D-Sub Backshells



PLASTIC



RUGGED METAL



SPECIALITY/NON-MAGNETIC



IP67

Contacts



STANDARD DENSITY



HIGH DENSITY



HIGH POWER



COAXIAL



HIGH VOLTAGE



PNEUMATIC



STAMPED

D-Sub Accessories and Tooling



DUST CAP



LOCKING MECHANISM

COMPLETE SOLUTIONS TO ACHIEVE YOUR VISION >

Our capabilities are constantly evolving to meet the demanding requirements for autonomous driving, infotainment and connectivity.

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