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

FCT D-Sub products machined contacts providing higher current, lower resistance, and greater durability compared to stamped contacts. They provide a secure and reliable, semi-permanent 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.

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.

To accompany the connectors there is also a full range of hoods. The hoods provide strain-relief, connector protection, and cable dressing- completing the cable assembly. Full turnkey cable assemblies are also available.
Applications

Standard D-Sub
Circuit sizes: 9, 15, 25, 37, 50
Machined pin and socket contacts available as solder pot, crimp, straight or right-angled PCB termination

High-Density D-Sub
Circuit sizes: 15, 26, 44, 62, 78
Machined pin and socket contacts available as solder pot, crimp, straight or right-angled PCB termination

Mixed Layout D-Sub
Combining signal and special contacts in a single connector
Special contacts: power, coaxial, high-voltage, pneumatic
Many configuration layouts available

Hoods, Metal and Plastic
Wide range of hoods in five shell sizes
Various designs and materials
Simple assembly, no special tools

Power and Signal

Communications

Aircraft Cabins
**High Power Contacts**

Size 8  
Current Ratings: 10A, 20A, 30A and 40A  
Gold plating options available  
Non-magnetic versions available  
Cable assembly options: Crimp and solder versions  
Board-level options: Straight or right-angle  
Press-fit available

**Coaxial Contacts**

Size 8  
Impedance: 50 Ohm and 75 Ohm available  
Gold plating options available  
Non-magnetic versions available  
Cable assembly options: Crimp and solder versions  
Board-level options: Straight or right-angle  
3 and 5-pin footprint options

**High-Voltage Contacts**

Size 8  
Voltage: 3000V maximum  
Gold plating options available  
Cable assembly options: Crimp and solder versions  
Board-level options: Straight

**Pneumatic Contacts**

Size 8  
Suitable for compressed air line tubes  
Pressure: 101.5 PSI maximum  
Cable assembly options: Straight or right-angle

**Standard Contacts**

Size 20  
Current Rating: 7.5A  
Gold plating options available  
Non-magnetic versions available  
Cable assembly options: Crimp and solder versions  
Board-level options: Straight or right-angle

**High-Density Contacts**

Size 22  
Current Rating: 5A  
Gold plating options available  
Non-magnetic versions available  
Cable assembly options: Crimp and solder versions available  
Board-level options: Straight or right-angle
**Waterproof D-Subs and Hoods**

Standard, high-density and mixed layout D-Subs

Waterproof hoods and protective caps

IP67 rated

**Non-Magnetic D-Subs and Hoods**

Connectors, contacts, hoods

Permeability $\mu_r \leq 1.0025$

100% permeability tested

**Filtered D-Subs**

Standard, high-density and mixed layout D-Subs

High-pass and low-pass filters

**Dual Port D-Subs**

Space saving, compact connector

Standard, high-density and mixed layout D-Subs

**Cable Assemblies**

Data and signal cable assemblies

Power cable assemblies

Specialized hybrid cable assemblies

Fully shielded cable assemblies

Overmolded cable assemblies

IP67 rated cable assemblies

**Applications**

Test and Measurement

Medical Equipment

Security