



E-CHARGER

Enabling Next-Generation Vehicle Technology



The automotive industry is currently undergoing impactful changes that are set to steer the future of our vehicles. With hybrid and electric technologies on the rise, automotive manufacturers are working to combat challenges in powertrain electrification. Read on in this factsheet to discover a range of Molex interconnects suitable for this growing market.

DuraClik Connector System

Molex's expanded line of DuraClik connectors with terminal retainer options provides superior electrical contact reliability, mating retention and space savings compared to competitive versions for high-vibration and high-temperature applications.

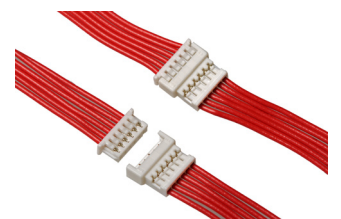
- Available in 2 to 15 circuits with vertical and right-angle orientations
- TPA and ISL for improved reliability in rugged environments
- Wide solder tabs designed and tested to SAE automotive vibration standards



PicoBlade Connector System

Molex's leading wire-to-board and wire-to-wire 1.25mm-pitch connector systems provide design flexibility with multiple header options, including 0.38µm Gold-plated versions, making it ideal for a variety of applications across many industries.

- Compact 1.25mm pitch for space savings
- Wide variety of options for design flexibility
- Two-point contact design for reliable connections





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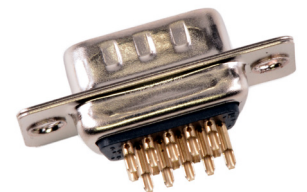


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FCT D-Sub Connectors

FCT D-Sub product family includes connectors available in standard, high-density and mixed-layout versions, as well as various material and plating combinations with an extensive range of backshells and accessory options, to provide effective solutions for a variety of applications.

- Many different combinations of materials and gold plating thicknesses
- Plastic and metal backshells provide robust coupling of connectors
- Machined contacts superior current-carrying capacity



USB Type-C Connectors

The compact Type-C Connectors expanded family supports up to 10 Gbps speeds and offers robust, reliable connectivity in IoT, wearable device and other high-speed data I/O applications.

- Offer design flexibility
- Enables fast charging and data transfer
- Durability (min) of 10,000 cycles

