

MICRO SOLUTIONS > FOR AUTOMOTIVE

As automakers respond to increased demands for in-vehicle processing power, Molex leverages its high-speed data experience to deliver solutions for the next-generation of intelligent automobiles.



**CONNECTED
MOBILITY**

**COMFORT
INFOTAINMENT**

CAR-ELECTRONICS

molex

SOLUTIONS FOR CONNECTED MOBILITY

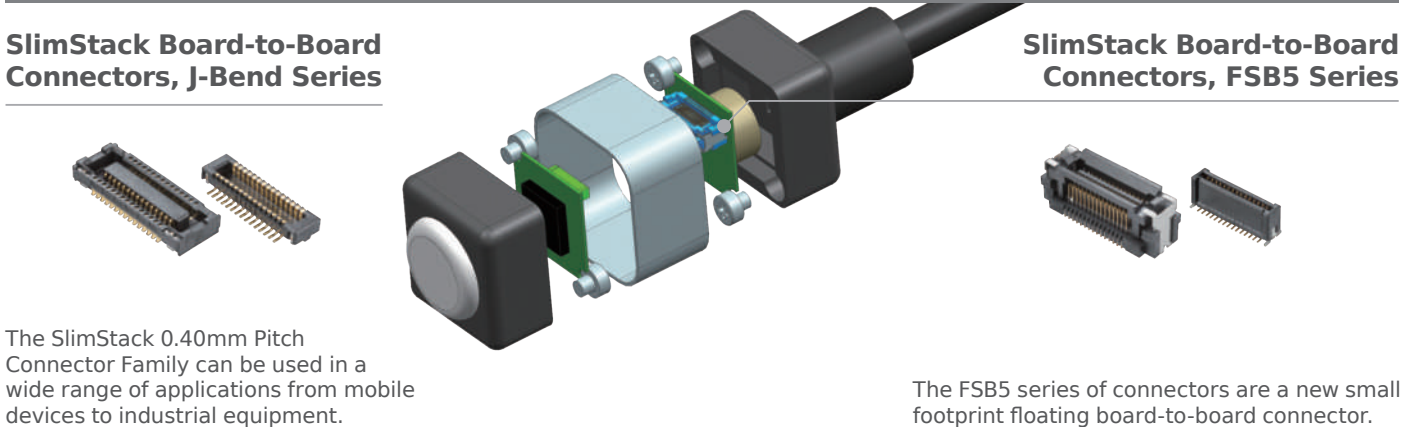
The development of connected mobility continues to increase the need for in-vehicle cameras and radars. In support of this trend, Easy-On FFC/FPC and SlimStack Board-to-Board Connectors offer much-needed compactness while managing data transmission growth.



An example of a radar application

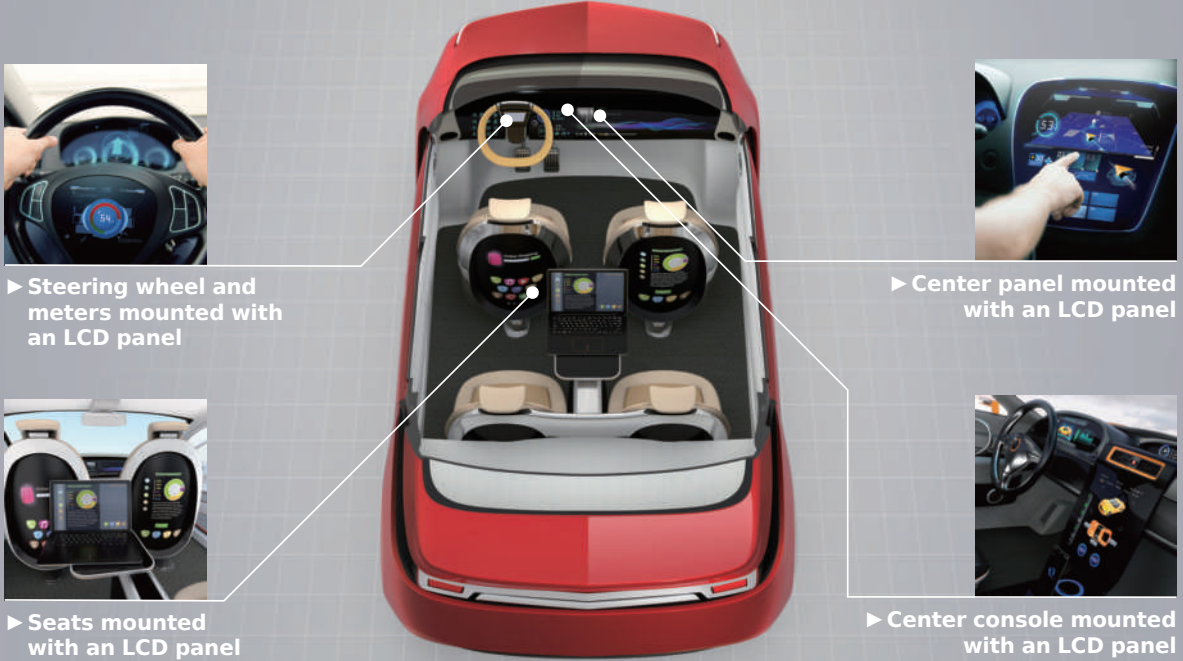


An example of a camera application



SOLUTIONS FOR COMFORT INFOTAINMENT

Automobile designers strive to optimize the in-vehicle experience for both drivers and passengers with multiple interior LCD panels. Molex's Easy-On FFC/FPC portfolio delivers a variety of options that deliver superior connectivity for these applications.



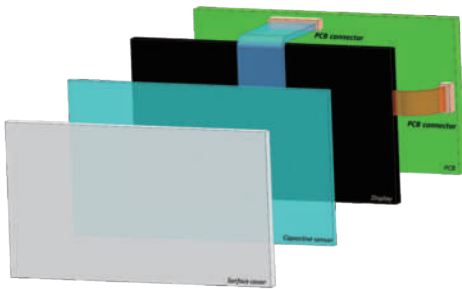
▶ Steering wheel and meters mounted with an LCD panel

▶ Center panel mounted with an LCD panel

▶ Seats mounted with an LCD panel

▶ Center console mounted with an LCD panel

Examples of built-in LCD interior panel applications



Easy-On FFC/FPC Connectors, FD19 Series

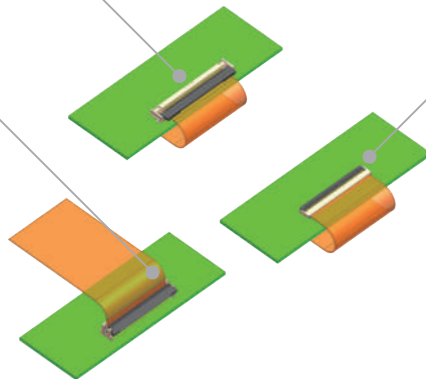


Front-flip FPC Connectors with two independent contact points are vibration resistant.

Easy-On FFC/FPC Connectors, V-Flip Series



These are small, vertical-flip FPC Connectors that enable connection to the PCB center and multiple SMT mounting.



Easy-On FFC/FPC Connectors, FBH1 Series



The thickness of modules and devices can be reduced by using Series FBH1 ultra-low profile connectors (1.00mm height).

SOLUTIONS FOR CAR-ELECTRONICS

As data integration throughout the entire vehicle advances, Molex offers the cutting-edge technology to meet the latest electronic connection requirements and specifications.



► Combination switch



► Sequential turn signal

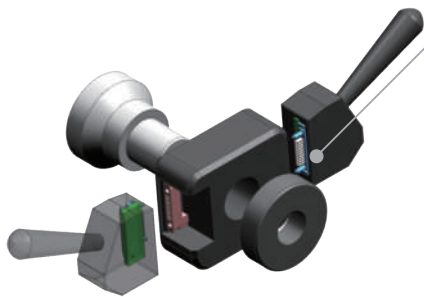


► Wireless charging module

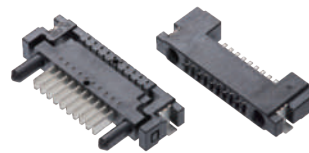


► LED headlight

An example of a combination switch application

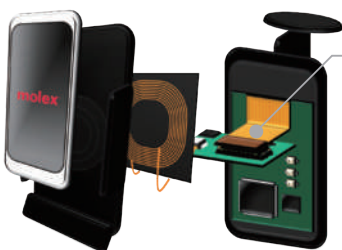


SlimStack Board-to-Board Connectors, FSR1 Series



Series FSR1 can be used to simplify combination switch connections.

An example of a wireless charger application



SlimStack Board-to-Board Connectors, Battery and SSB RP Series



This series of connectors can be used for high current and high retention force applications.

Easy-On FFC/FPC Connectors, Flexi-Latch Series

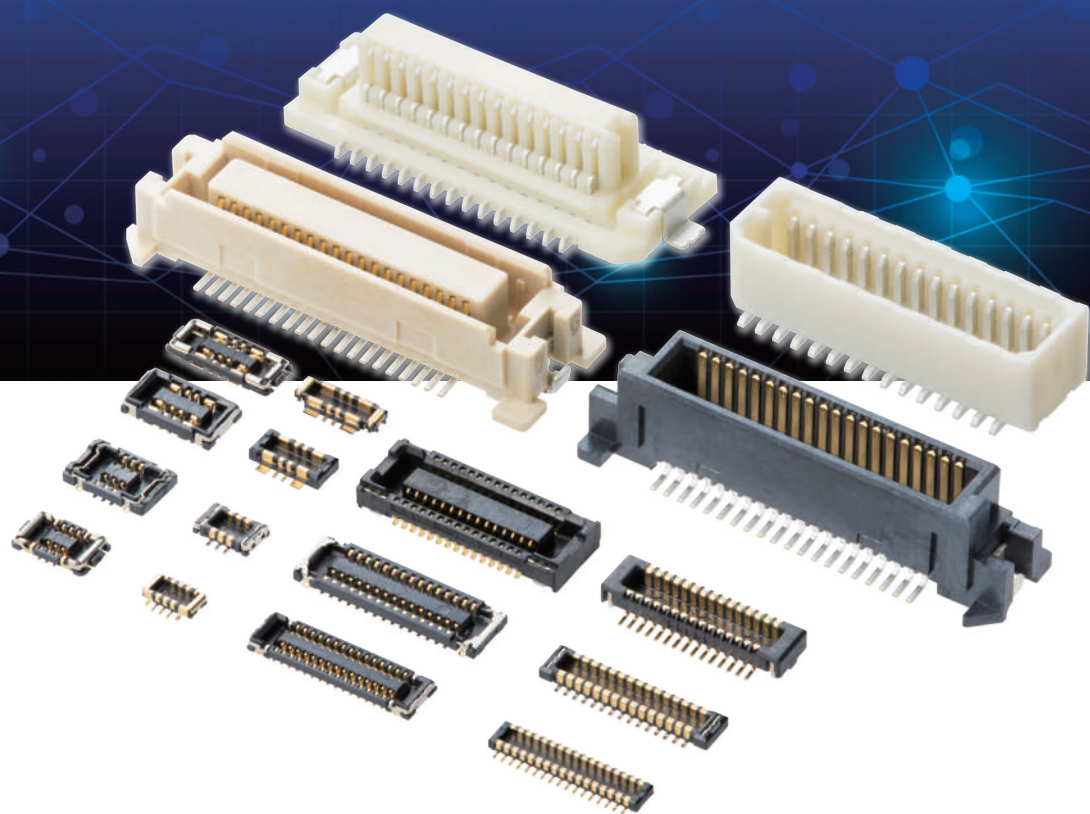


These are latch-type FFC/FPC-to-Board Connectors that can be used for high current applications (2.0A), used in LED headlight connections.

Easy-On FFC/FPC Connectors



SlimStack Board-to-Board Connectors



www.molex.com/link/microconnectors.html

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Order No. 987651-9231

Japan/0k/CH/HC/2018.09

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