

# Solutions to Solve Complex EV and EV Charging Challenges

Molex offers advanced interconnect solutions for a variety of automotive applications from EV and EV Charging Stations to Automated Driving, Vehicle Architecture and In-Vehicle Experience. These solution components include wire-to-wire, board-to-board and wire-to-board connectors, cable assemblies, antennas and sensors. Each facet is designed specifically to meet the industry's evolving demand for advanced performance and durability to help customers stay ahead of the curve.

|   | Product  | EV | EV Charging | Automated Driving/ ADAS | Vehicle Architecture | In-Vehicle Experience | Type                          |
|---|--|----|-------------|-------------------------|----------------------|-----------------------|-------------------------------|
|    | Automotive Camera Backshell Assembly Solutions |    |             | x                       |                      | x                     | I/O                           |
|   | Busbar Solutions                               | x  | x           |                         |                      |                       | Busbar                        |
|  | CLIK-Mate Wire-to-Board Connectors             | x  |             | x                       | x                    | x                     | Wire-to-Board                 |
|   | ConnTAK50 Connector System                     | x  | x           |                         | x                    | x                     | Wire-to-Board                 |
|  | Easy-On FFC/FPC Connector, Backflip Series     |    |             | x                       |                      |                       | FFC/FPC                       |
|  | Easy-On FFC/FPC Connector, FD19 Series         | x  |             | x                       | x                    | x                     | FFC/FPC                       |
|  | Easy-On FFC/FPC Connector, LA75 Series         |    |             | x                       |                      | x                     | FFC/FPC                       |
|  | EXTreme Guardian System                        | x  | x           |                         |                      |                       | Board-to-Board, Wire-to-Board |

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|    | FPC-to-Board Connectors for EV Battery Management                  | x  |             |                         |                      |                       | FPC-to-Board                          |
|    | High-Power 1.00mm Pitch Floating Board-to-Board Connectors for EVs | x  |             |                         |                      |                       | Board-to-Board                        |
|    | High-Speed 0.50mm Pitch Floating Board-to-Board Connector for ADAS |    |             | x                       |                      |                       | Board-to-Board                        |
|    | Micro-Fit Connector System   | x  | x           |                         |                      | x                     | Wire-to-Board, Wire-to-Wire           |
|    | Micro-Lock Plus Connector System                                   | x  |             | x                       | x                    | x                     | Wire-to-Board, Wire-to-Wire           |
|   | Mini-50 Connection System  | x  |             | x                       | x                    | x                     | Wire-to-Board, Wire-to-Wire           |
|  | Mini-Lock Wire-to-Board Connector System                           |    |             |                         | x                    |                       | Wire-to-Board                         |
|  | Mizu Sealed Connectors, P25 Series                                 | x  | x           |                         |                      | x                     | Wire-to-Wire                          |
|  | MX150 Sealed Connector System                                      | x  | x           | x                       | x                    | x                     | Wire-to-Board, Wire-to-Wire           |
|  | MXP120 Sealed Connector System                                     | x  | x           |                         |                      | x                     | Wire-to-Board, Wire-to-Device, Inline |
|  | Pico-Clasp Wire-to-Board Connectors                                | x  |             | x                       | x                    |                       | Wire-to-Board                         |
|   | Pico-Ezmate Wire-to-Board Connector System                         |    |             |                         | x                    |                       | Wire-to-Board                         |

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|    | Pico-Lock Connector System                                      | x  |             |                         | x                    | x                     | Wire-to-Board                   |
|    | PowerPlane Busbar Connectors                                    |    | x           |                         |                      |                       | Busbar-to-Board                 |
|     | PowerWize High-Current Wire-to-Board/ Wire-to-Busbar Connectors | x  | x           |                         |                      |                       | Wire-to-Board, Wire-to-Busbar   |
|    | Sealed Cable Assemblies   | x  | x           |                         |                      |                       | Cable Assembly                  |
|    | Sentrality Pin and Socket Interconnect System                   | x  | x           |                         |                      |                       | Board-to-Board, Busbar-to-Board |
|   | SlimStack Board-to-Board Connector, 0.635 Floating              |    |             |                         | x                    |                       | Board-to-Board                  |
|  | SlimStack Board-to-Board Connector, FSB3 Series                 |    |             |                         | x                    | x                     | Board-to-Board                  |
|  | SlimStack Board-to-Board Connector, FSB5 Series                 |    |             | x                       | x                    | x                     | Board-to-Board                  |
|  | Solderless Terminals  |    | x           |                         |                      |                       | Terminal                        |
|   | Squba Sealed Wire-to-Wire Connectors                            |    |             |                         | x                    |                       | Wire-to-Wire                    |
|   | Terminal Blocks   |    | x           |                         |                      |                       | Wire-to-Wire, Wire-to-Board     |
|   | Transportation High-Speed Networking Cables                     |    |             | x                       | x                    | x                     | Cable Assembly                  |