

# 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

	Product	EV	EV Charging	Automated Driving/ ADAS	Vehicle Architecture	In-Vehicle Experience	Type
	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