



HYBRID & ELECTRIC VEHICLES

Components for Infrastructure, Connectivity and On-board Systems



High Voltage Connectors and Components for EV OEMs

TTI stocks the premier electrical components that hybrid and electric vehicle manufacturers and suppliers need to keep production lines running. From plug-in hybrids, to medium duty trucks, charging stations, and motor controllers, TTI Transportation Specialists have a full range of interconnect, passive and electromechanical components in stock and available to sell. Contact your local branch today at 1.800.CALL.TTI or visit us online at ttiinc.com/hev-ev-vehicle.

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	AMPHENOL	DELPHI	KOSTAL	MOLEX	OMRON	PANASONIC	PHOENIX CONTACT	TDK	TE CONNECTIVITY	VISHAY
EV Suppliers by Product										
J1772 Coupler		◆					◆			
J1772 Inlet		◆					◆			
Contactors					◆	◆			◆	
MSD									◆	
HV 0-100A Connectors	◆	◆							◆	
HV 200A Connectors	◆	◆	◆	◆					◆	
HV 300A Connectors	◆			◆					◆	
HV 400A+ Connectors	◆								◆	
Pass-through Systems		◆		◆					◆	
EVSE Board Products					◆	◆	◆		◆	
Current Sensor/Shunt								◆		◆

	INFRASTRUCTURE	VEHICLE OEM	BATTERY PACK OEM	ELECTRIC MOTOR OEM	MOTOR CONTROLLER OEM	ON-BOARD CHARGER OEM	DC/DC CONVERTER
EV Market Segment by Product							
J1772 Coupler	◆						
J1772 Inlet		◆					
Contactors	◆	◆	◆				
MSD		◆	◆				
HV 0-100A Connectors		◆		◆	◆	◆	◆
HV 200A Connectors		◆	◆	◆	◆	◆	◆
HV 300A Connectors		◆	◆	◆	◆	◆	◆
HV 400A+ Connectors		◆	◆	◆	◆		
Pass-through Systems	◆	◆		◆	◆		
EVSE Board Products		◆					
Current Sensor		◆	◆				◆

Connection System	Term Type	Current	Voltage
Amphenol ePower	8mm-11mm Pin/Soc	200-400	1000
Amphenol Powerlok	4.0mm-14mm Pin/Soc	40-500	1000
Amphe-Power	2.4mm - 9.1mm Pin/Soc	63 - 300	1000
Amphe-Push-Pull	5.7mm - 14.0mm Pin/Soc	120 - 500	1000
Amphenol Radlok	3.6mm - 12.0mm Pin/Soc	70 - 400	1000
Amphenol Surlok	3.6mm - 14.0mm Pin/Soc	70 - 500	1000
Delphi HV150	1.5mm Box/Blade	16	600
Delphi APEX HV280	2.8mm Box/Blade	35	750
Delphi HV280	2.8mm Box/Blade	40	600
Delphi APEX HV950	9.5mm Box/Blade	70	750
Delphi HV1000	10mm Box/Blade	145	600
Delphi HV2000	20mm Box/Blade	250	600
Delphi RCS800 & 890	8mm Pin/Soc	230	750
Delphi Pass-through	Ring	n/a	600
Kostal PLK 14.5	14.5mm Box/Blade	235	600
Molex Imperium	8mm-14mm Pin/Soc	230-400	1000
Molex Maxloc Plus	8mm-14mm Pin/Soc	230-400	1000
Molex Maxloc (pass-thru)	Ring	n/a	1000
TE HVA280	2.8mm Box/Blade	30	600-750
TE HVA630	6.3mm Box/Blade	70	600
TE HVA950	9.5mm Box/Blade	90	600
TE HVP800	8mm Pin/Soc	200-250	850
TE HVP1100	11mm Pin/Soc	320	750
TE IPT	Ring	n/a	800





TTI, Inc. Global Headquarters

Fort Worth, Texas

Why Buy from TTI?

Founded in 1971, TTI has steadily grown to become the world’s leading interconnect, passive, electromechanical and discrete component distributor in the industry. The company was founded on the premise that passive component purchasing could be made more efficient by offering product specialization, customer-driven service and proprietary supply chain solutions.

Product Knowledgeable Experts

TTI’s Transportation Business Unit is a dedicated group of Specialists experienced in the unique needs of the transportation and automotive OEMs and their subcontractors. From design and prototype to the production line, TTI and our supplier partners will support you throughout your product life cycle.

Broader and Deeper Inventories

TTI maintains extensive inventories, stocking more than 500,000 part numbers in North America and over 850,000 globally – that’s more interconnect, passive, electromechanical and discrete inventory available than from any other source.

Advanced Inventory Management (AIM) Platform

TTI’s proprietary system is specifically designed for managing IP&E products and partnerships with premier manufacturers. This allows us to provide the BOM coverage necessary to deploy comprehensive supply chain solutions that reduce total cost of ownership and mitigate line down risk.

Quality and Reliability

TTI is the first distributor to have all global warehouse locations ISO registered and currently are certified to ISO 9001:2008 with AS9100C and ISO 14001 in North America, ISO 9001:2008, EN 9100C, ISO 14001 and EN 9120:2009 in TTI Europe and ISO 9001:2008 in TTI Asia.

Year after year, customers rate our inventory availability, on-time delivery and accuracy among the very best in the industry – call 1.800.CALL.TTI or visit us at www.ttiinc.com and discover why.