

Electrical Subsystems, Sensors, and Connectors

































AUTOMOTIVE COMPONENTS

Electrical Subsystems, Sensors, and Connectors





Typical Industry Requirements

Electrical Components

- **Electrical Properties**
- Dimensional Stability
- High Tensile Strength
- Agency Ratings/Approvals
- Impact Strength
- Static Control

EV Charging Stations

- 5VA UL Flammability Rating
- Weatherability
- PC3 or Better CTI
- UL 746C f1 Environmental Test

Amco Polymers along with our Resin Partners:

Application Technology, Material Expertise and Products for all your Electrical Components and Charging Station Applications

Electrical and Sensing Components



EV Charging Stations



Applications

- Wiring Harness
- **High Voltage Connectors**
- **Temperature Sensors**
- **Electrical Controllers**
- **Electrical Housings**
- Relays and Switches
- Thermal Management

- Radar Sensors
 - Absorber
- Antennae Board
- LIDAR
 - Lens Cover
 - Barrel Lens
 - Middle Plate

Side Housing

Back Cover

Charging Column

Applications

- Wall Box Housing
- Base
- **Internal Armature**
- Front and Back Panel
- Charger Plug
- Flexible Components
 - Jacketing







- The most complete product portfolio and line card in the industry from the world's leading suppliers
- Automotive specifications, material approvals and PPAP support
- The most comprehensive logistics network in North America and flexible sourcing solutions
- Strong commercial and technical support: application development, processing and testing capabilities
- Technically focused and solutions driven
- Entrepreneurial spirit driven to quickly provide unique, out of the box solutions