

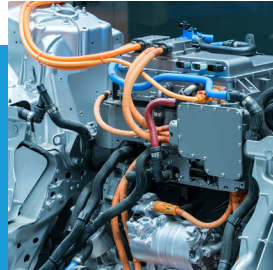
Behind the wheel of **EMI suppression and heat transfer solutions** for the leading automotive components of today—and tomorrow



AUTONOMOUS DRIVING SYSTEMS (ADAS)



VEHICLE-TO-EVERYTHING (V2X)



EV POWERTRAIN MANAGEMENT



INFOTAINMENT



GPS



LED COMPONENTS



SENSORS AND CAMERAS



COMMUNICATIONS



TELEMATICS

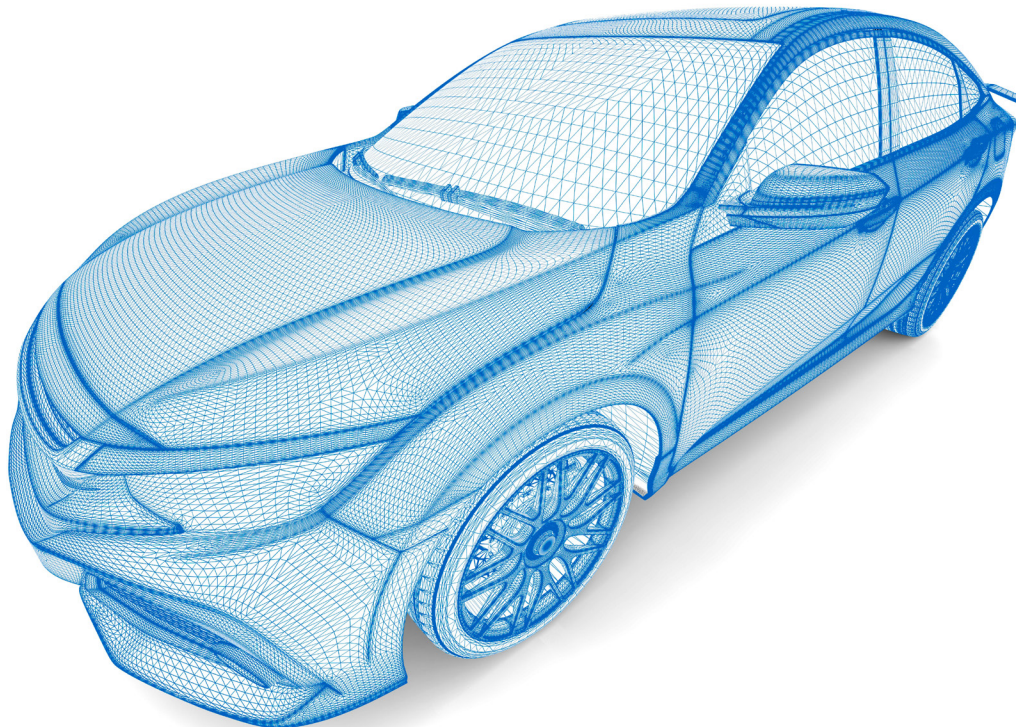
We're in the small spaces that **enhance performance and reliability** in today's feature-rich automobiles

THERMAL & POWER

Heat, system noise, and crosstalk reduction solutions

ELECTROMAGNETIC

EMI shielding and sealing solutions to prevent signals from interfering with other electronic devices



Vehicles do more than get us from place to place. The average automotive has over *100 electronics modules* from the transmission to touchscreens to telematics—and that number is only climbing.

Bumper to bumper, an armada of sensors and cameras survey surroundings, pay for gas, and automatically hit the brakes. Design and system engineers need to squeeze these *faster, smarter, and more complex components into increasingly tinier spaces*.

Tightly positioned, electronics churn out more heat and electromagnetic interference that can degrade performance and halt innovation. **Managing heat loads and reducing EMI crosstalk means a safer, more reliable, and enjoyable ride.**



Not just for the cars on the road today, but for the imaginative designs of the future

ADDING VALUE EVERY MILE OF THE ENGINEERING JOURNEY

Electric vehicles, concert-hall sound systems. Massaging seats and pedestrian detection. Luxury technology is trickling down to more automotive models at a blistering pace. We design mindfully for every component on board, so you never have to sacrifice sensitivity, range, power, or performance.

And when cars eventually take flight, you'll find Laird under the hood. We're helping our customers with long-term product roadmaps that are years in the making.

ENGINEERING BEYOND PART NUMBERS

Our consultative approach helps you go far beyond an "off-the-shelf" design.

With two decades in automotive, now fueled by DuPont, we can work with you to find an innovative, even unexpected, solution you won't find in a catalog.

Take advantage of our full scope of testing, global regulatory compliance, and validating expertise that makes it easy for you to transition from an existing manufacturer.

SPACE-CONSCIOUS PRODUCTS THAT HELP COOL AND SUPPRESS EMI SIMULTANEOUSLY

Why take up critical space with two products when one will do?

We mindfully design for every component under the hood. From single function shielding metals to multi-function polymer that both cools and absorbs stray EMI , many of our space-saving solutions can solve signal conflicts and thermal issues.

RELIABLE FULFILLMENT THAT ACCELERATES YOUR TIME-TO-MARKET

Vertically integrated down to the magnetic ceramic powder for our inductive components, we're behind the wheel of the project from start to finish. That means we can maintain full control from design to quality assurance and assembly to fulfillment.

- **Customize your sourcing plan** to suit your budget and schedule
- **De-risk your supply chain** by tapping into our extensive global network
- **Speed up your time-to-market:** We're able to produce the exact same part in different corners of the world, meaning your project is less susceptible to supply chain vulnerability



Together, engineering products that win

Materials science expertise. Advanced reliability expertise. Combine our knowledge with yours.

THERMAL INTERFACE MATERIALS

EMI ABSORBERS

PRECISION METALS WITH EMI SHIELDING

GAP FILLERS

INDUCTOR AND FERRITE SOLUTIONS

**ELECTRICALLY CONDUCTIVE/NON-CONDUCTIVE
ELASTOMER SOLUTIONS**





About Laird Performance Materials (Laird)

Laird Performance Materials, integrated into DuPont Electronics & Industrial's Interconnect Solutions (ICS) business, solves signal integrity and power transmission issues. We enable high-performance electronics by creating protection solutions for advanced interconnects and systems. World-leading technology brands rely on Laird for improved protection and helping accelerate their products' time-to-market. A global brand, Laird solves design issues by providing Laird™ branded innovative products such as EMI suppression or absorption materials, thermal interface materials, structural and precision metals, magnetic ceramic products, and multi-functional solutions (MFS). The Laird™ MFS product family solves multiple EMI, thermal and structural design issues simultaneously using a single process design. Visit Laird at <https://www.laird.com>.

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