



Fair-Rite Automotive Solutions

Electronics are revolutionizing the automotive industry as the Internet of Things (IoT), mobile connectivity and autonomous driving become more prominent in vehicles. With this adoption of technology comes an increase in electromagnetic compliance (EMC), power and signal integrity issues.

For over 60 years, Fair-Rite Products continues to be **Your Signal Solution®**. As an ISO9001 and IATF 16949 registered company, we supply high-quality components at competitive prices – allowing our customers to design a cost optimized solution without sacrificing quality or performance.

With our state-of-the-art machine shop and decades of manufacturing experience, we will help **DESIGN** your custom component, **DEVELOP** a robust process with our strong engineering team, and **DELIVER** a high-volume, cost-effective solution.



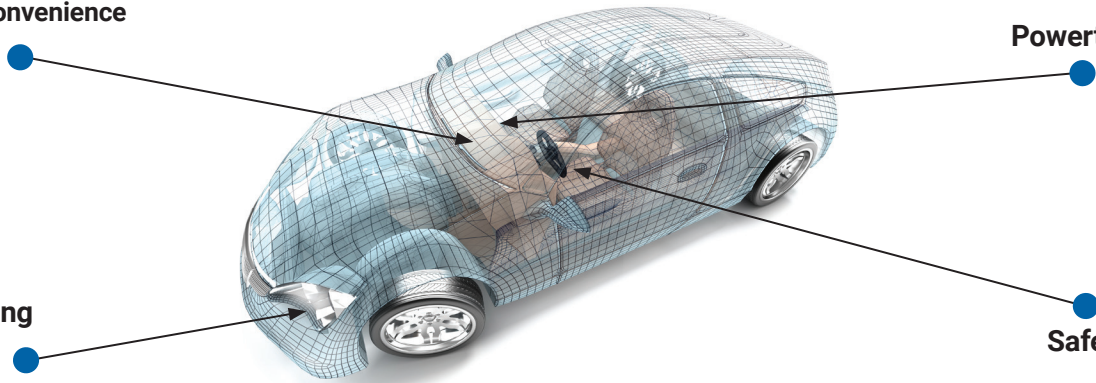


Infotainment/Convenience

Powertrain

Lighting

Safety



LIGHTING

MATERIAL	SHAPE	FUNCTION	APPLICATION	CAR
77, 78 75, 78, 95	Bobbins E, PQ, EFD, ER, EQ, RM, Planar	Power Power	Inductor for LED Driver Lamp Control Unit, Transformer	LED Daylight, Headlight, Signaling HID Headlight

POWERTRAIN

MATERIAL	SHAPE	FUNCTION	APPLICATION	CAR
78, 95 78 44, 52 44, 52, 77, 78 25-Series 31, 43, 52, 75 44, 52, 61 31,75	PQ, RM, E Bobbin SM Common Mode Bead Rod SM Chip Beads Toroid Connector Plate Bus bar Common-Mode Core	Power Power Suppression Suppression Suppression Suppression Suppression Suppression	DC/DC Converter Power Inductor EMC, Chokes Choke Data Line Filter Choke Data & Power Line filter EMC Choke	Fuel Injector, Stop and Go Battery Control Unit ECU Inverter Filter

SAFETY

MATERIAL	SHAPE	FUNCTION	APPLICATION	CAR
78, 95 61, 75, 78, 95 44, 51, 73 43, 75, 78 61, 75, 78 78	Bobbin, Cup & Tack E, EFD, ER, EQ, RM, Planar Bead, Multi-Aperture Toroid Multi-Aperture Core & Toroid Flat Rod	Power Power Suppression Suppression Suppression Sensor	Power Inductor DC/DC Converter, Transformers Filtered Connector EMC Choke Pulse & matching transformers Sensor	ABS, Airbag, ECM ABS, Suspension Control Unit Airbag Airbag Control Unit, ABS Cruise Control TPMS

INFOTAINMENT/CONVENIENCE

MATERIAL	SHAPE	FUNCTION	APPLICATION	CAR
75, 78, 95	E, EFD, ETD, ER, EQ, RM, Planar	Power	DC/DC Converter, Transformer	Climate Control, Ventilation, Heated Seats/Steering Wheel, Wiper Control Systems, Seat/Window/Door Motor Drives, Car Alarm, Navigation, Dashboard Display, Parking Aid
75, 78 78, 44, 38-series	Toroid Rigid Plates, Flexible Ferrite Sheets	Suppression Suppression	EMC Choke Shielding	Cruise Control, Communication Systems Wireless Charging
78	Rods	Sensor	Antenna	Keyless Entry