

Exxelia Ohmcraft Custom Resistors Help Ensure Speed and Accuracy of Automobile Electronics Testing

ROCHESTER, N.Y., UNITED STATES, July 28, 2020 /EINPresswire.com/ -- Before being sent off to dealerships for sale, automobiles are subject to a series of tests as part of the production process.

To keep pace with industry trends and

customer demands, today's cars contain more electronic devices than ever, all of which must be tested as quickly and accurately as possible. For this purpose, manufacturers of automotive testing systems have relied on Exxelia Ohmcraft—a leader in thick-film, high-voltage, [high-precision resistor](#) design and manufacturing—for more than 15 years.



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Eric Van Wormer

This type of automotive testing ensures that all of the vehicle's electronic components meet the most stringent testing standards, screening out any faulty devices or malfunctions. Tests are often run on multiple electronics simultaneously, increasing the complexity of these testing systems, which utilize precision low-noise chip resistors from Exxelia Ohmcraft for their accuracy and reliability.

“The automotive industry is rapidly changing and evolving, presenting manufacturers with not only new testing challenges, but the pressure to get their products into the

market faster,” said Eric Van Wormer, Vice President of Exxelia Ohmcraft. “By leveraging Exxelia Ohmcraft's custom [surface mount resistors](#), automotive testing manufacturers are able to help their customers—automobile companies—meet the demands of the industry.”

Exxelia Ohmcraft's technology utilizes the proprietary Micropen electronic printing system to “print” precise, narrow, serpentine lines with resistive ink on a ceramic substrate, producing higher performance resistors over a wider range of values on a smaller surface area than is possible with conventional film resistor technology.

About Exxelia Ohmcraft

Exxelia Ohmcraft's thick-film, surface mount resistors are engineered to meet application-specific needs. Our proprietary Micropen printing technology is the foundation for Exxelia Ohmcraft's family of resistor products. Exxelia Ohmcraft's precision leaded resistors are manufactured with our patented Micropen technology to create a unique serpentine design that withstands voltages up to 100kV and provides an unmatched level of performance and stability. For more information, visit Ohmcraft.com.

About Exxelia

EXXELIA is a leading global designer and manufacturer of high-performance passive components and subsystems. Exxelia's wide products portfolio includes film, tantalum, ceramic and electrolytic capacitors, inductors, transformers, microwave components, position sensors, slip rings and high-precision mechanical parts. Recognized worldwide for its advanced design and technical expertise, EXXELIA develops both "catalog" and "custom" products exclusively serving high-reliability markets such as aerospace, defense, medical, transportation, telecommunication infrastructure and advance industrial applications. Additional information can be found at <https://exxelia.com>.

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