

## **State of the Art, Inc. Introduces AEC-Q200 Qualified Thick Film Chip Resistors**

**State College, PA** — State of the Art, Inc. announces the availability of its AEC-Q200 qualified thick film chip resistors, made in the USA and designed to meet the reliability and environmental performance requirements of automotive and other harsh-environment electronic applications.

Qualified to the stress test requirements established by the Automotive Electronics Council under the AEC-Q200 Stress Test Qualification for Passive Components specification, these resistors demonstrate dependable performance under demanding conditions including thermal cycling, mechanical shock, humidity exposure, and high-temperature operation.

Manufactured using robust thick film technology, the resistors provide excellent electrical stability and long-term reliability across a wide resistance range. They maintain stable performance over extended temperature ranges and are engineered to withstand environmental and mechanical stresses. Multiple industry-standard surface-mount chip sizes are available to support a broad range of circuit design requirements.

These resistors are well suited for demanding electronic systems including battery management modules, power supplies, DC-DC converters, onboard charging circuits, LED lighting drivers, power management systems, industrial automation controls, renewable energy equipment, and telecommunications infrastructure.

All products are supported by comprehensive qualification documentation, statistical process control, and lot traceability to meet automotive quality and procurement requirements.

### **About State of the Art, Inc.**

State of the Art, Inc. is a U.S.-based manufacturer of MIL-PRF-55342, MIL-PRF-32159, high-reliability thick and thin film resistive components for defense, aerospace, space, and harsh-environment industrial electronics. ISO 9001 and AS9100 certified, the company draws on more than five decades of engineering expertise to deliver precision, durability, and long-term stability for mission-critical and safety-critical systems. For more information, visit [www.resistor.com](http://www.resistor.com).