

Stackpole Electronics

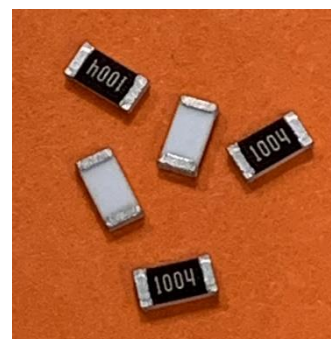
Resistive Product Solutions



RNCA High Reliability Thin Film Chip Resistors for Precision Applications

RALEIGH, NC (Oct. 2, 2023) – Many types of precision electronic devices across a variety of market segments require higher reliability components. Automotive grade resistors offer increased reliability and improved performance without the high cost and limited availability of components procured to established reliability military specifications.

Stackpole's RNCA series thin film automotive grade chip resistors are AEC-Q200 qualified and provide excellent long-term reliability. This series is produced on dedicated manufacturing lines with strict material and process controls necessary for an automotive grade chip resistor. This provides the RNCA with exceptional test performance to all AEC-Q200 tests and improves the expected failure rate by an order of magnitude or more. In addition, the RNCA features outstanding anti-sulfur performance, passing the industry standard ANSI/ EIA977 sulfur test with minimal resistance shift at 105°C.



The RNCA is an excellent solution for precision medical applications, precision automotive electronics, non-established reliability military and aerospace, as well as instrumentation and metering.

Pricing for the RNCA depends on size, resistance value, power rating, and tolerance. Contact Stackpole or one of our franchised distribution partners for specific or volume pricing.

[RNCA Series](#)

[Automotive Grade Anti-Sulfur and AEC Compliant Thin Film Chip Resistor](#)

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Stackpole Electronics Inc. is a leading global manufacturer of resistors supplying to the world's largest OEMs, contract manufacturers and distributors. Headquartered in Raleigh, N.C., the privately held company began manufacturing in 1928 as part of Stackpole Carbon Company in St. Mary's, Pennsylvania. Now part of the Akahane Stackpole Manufacturing Group (ASMG), Stackpole has manufacturing facilities in Japan, Taiwan, China and Mexico; warehousing facilities in El Paso, Shenzhen and Japan; and international sales offices in Tokyo, Taipei, London, Hong Kong and Shenzhen.