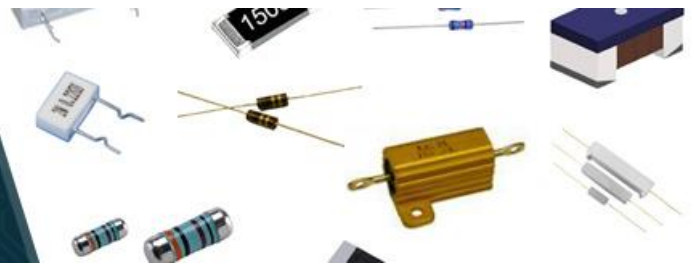


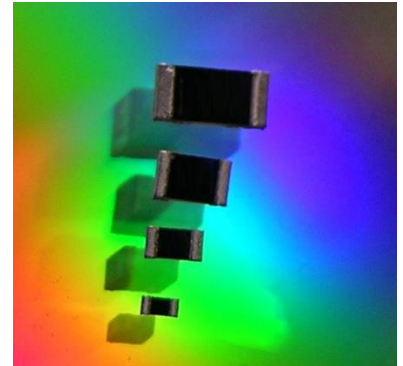
Stackpole Electronics

Resistive Product Solutions



RVCA Automotive Grade High Voltage Chip Resistors for EV Power Systems

RALEIGH, NC (Nov. 6, 2023) – Automotive electronics have historically been associated with low voltage applications. The EV market has changed all that and today; EV designers face challenges when designing power systems. General purpose chip resistors typically are rated up to only 200V or 300V where EV power trains are typically 400V to 800V. Stackpole's RVCA is a thick film high voltage chip resistor series that is automotive grade, AEC-Q200 qualified, and anti-sulfur per EIA-977. The RVCA is available in voltage ratings up to a 3KV rated 2512 size resistor with sizes 0805 and larger having at least a 400V rating. In addition, the RVCA has excellent performance under industry standard tests such as load life, biased humidity, short time overload, and temperature cycling, making it an ideal solution for high voltage applications in all types of environments and operating conditions.



Pricing for the RVCA varies with size, resistance value, and tolerance and ranges from \$0.04 - \$0.20 each in full reel quantities. Contact Stackpole or one of our franchised distributors for volume pricing.

[RVCA Series](#)
[Automotive Grade High Voltage Thick 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.