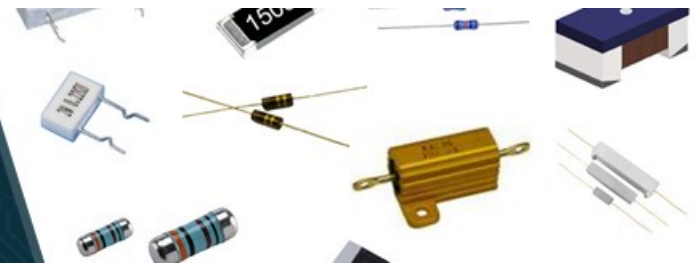


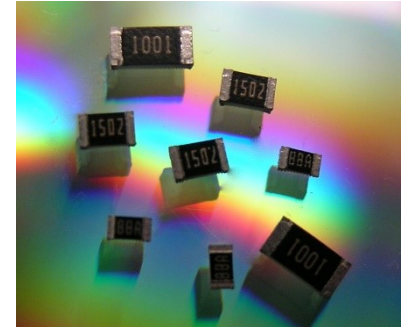
Stackpole Electronics

Resistive Product Solutions



RNCS Thin Film Chip Resistors Offer Excellent Biased Humidity Performance

RALEIGH, NC (Apr. 20, 2021) – Applications that require tolerances tighter than 0.5%, TCR's lower than 50 ppm, or superior electrical performance will regularly choose nichrome based thin film chip resistors. These resistor types have the greatest availability in the market currently. However, if the end product resides in a high moisture environment, nichrome resistors may experience corrosion due to moisture causing the resistance value to increase and eventually open completely. The RNCS series from Stackpole utilizes proprietary materials and processing to improve the moisture withstanding capability. The RNCS will shift less than 0.05% under Mil STD 202 biased humidity testing and less than 0.1% after 3000 hours of 85°C, 85% R.H. 10% rated power, which is widely regarded as the harshest biased humidity test for resistors.



Pricing for the RNCS depends on size, tolerance, and TCR and ranges from \$0.03 to \$0.30 each in full package quantities. Contact Stackpole or one of our franchised distribution partners for volume pricing.

[RNCS / RNCH Series](#) [Moisture Resistant Precision Thin Film Chip Resistor](#)

Stackpole Electronics, Inc.
Editor Contact Information
Kory Schroeder
Director of Marketing & Product Engineering
919-875-2495
kschroeder@seielect.com

[Follow Us On Linked In](#) 



For more information about Stackpole products, contact Stackpole Electronics, Inc. at 3110 Edwards Mill Road, Suite 207, Raleigh, NC 27612; phone 919-850-9500; email marketing@seielect.com; or visit the website at www.seielect.com.

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.