

RTAN Series

Tantalum Nitride Precision Chip Resistors Add 10 ppm/°C TCR Capability

RALEIGH, NC (Nov. 9, 2017) – Stackpole's AEC qualified RTAN series utilizes tantalum nitride technology to provide moisture proof precision chip resistor performance. The RTAN film passes biased humidity testing at 85°C, 85% relative humidity, and 10% bias with very little shift in resistance. The materials and design are such that the RTAN is resistant to sulfur contamination and will pass the industry standard sulfur test ANSI/EIA-977 (Method A) with minimal resistance shift.



Stackpole has now expanded the available tolerances to include 0.05%, and TCR options now include 10 ppm/°C. This expansion enables the use of the RTAN for a wider variety of precision application requirements. Those applications include instrumentation, aerospace, test equipment, industrial controls, portable communications diagnostic equipment, and portable medical devices.

Pricing for the RTAN depends on size and tolerance, but ranges from \$0.15 to \$0.65 in full reel quantities. Contact Stackpole or one of our franchised distribution partners for volume pricing. Many popular resistance values and tolerances are in stock.

For more information about Stackpole products, contact Stackpole Electronics, Inc. at 2700 Wycliff Road Suite 410, Raleigh NC 27607; 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.