



Stackpole Electronics, Inc.
Resistive Product Solutions

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THE RNCS SERIES OF MOISTURE PROOF PRECISION CHIPS IS IDEAL FOR HIGH HUMIDITY PRECISION APPLICATIONS



RALEIGH, NC (January 5, 2011) - The RNCS Series is a passivated nichrome chip resistor that offers robust performance in a variety of harsh environments that previously only high cost technologies such as tantalum nitride resistors could survive. The RNCS Series uses a superior substrate material, unique proprietary nichrome alloy and a special hydrophobic polymer inner passivation that allows it to perform at least as well as its expensive tantalum nitride competitors in 3000 hour humidity testing at low power loading, at a fraction of the cost.

In addition, the RNCS Series still provides all the expected outstanding electrical performance and low noise associated with a nichrome thin film resistor element.

The RNCS Series is a good choice for applications such as industrial and commercial motor controls, medical applications, testing and monitoring equipment, avionics, safety and security systems, heating and AC controls, robotics, telecom switching and network equipment, portable welders, and laser controls.

The RNCS Series offers sizes from 0402 to 2512, resistance values from 10 ohms to 1 Meg ohm, with 0.1% tolerance and ± 25 ppm TCR standard. This series also offers the outstanding electrical and environmental stability expected from a precision resistor. It is available in standard 7 inch reel packaging in 4K, 5K, and 10K piece quantities depending on part size. Some sizes and resistance values may also be offered in 1K reels making them an outstanding choice to support quick turn shortages. Pricing varies with size, tolerance and TCR, and ranges from around \$20 per thousand up to \$288 per thousand in minimum quantities; contact Stackpole for volume pricing. More than 280 part numbers in sizes 0603, 0805, and 1206 are currently in stock at Digi-key, with additional stock available from Stackpole directly.

For more information about Stackpole products, contact Stackpole Electronics, Inc. at 2700 Wycliff Road Suite 410, Raleigh NC 27607; phone 919-850-9500; fax 919-850-9504; email marketing@seielect.com; or visit the Web site at www.seielect.com.

Stackpole Electronics Inc. is a leading global manufacturer of resistors supplying to the worlds 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 affiliated with Akahane Electronics, Stackpole has manufacturing facilities in Japan, Taiwan, China and Mexico; warehousing facilities in El Paso, Hong Kong and Japan; and sales offices in Tokyo, Hong Kong and Taiwan.