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CSRT Thin Film Current Sense Chip Resistors Released

RALEIGH, NC (June. 16, 2020) – Power supplies and current sensing circuits have requirements that are as wide ranging as the end products they serve. For applications that require low TCR sense resistors, yet don't need extremely low resistance values for high current handling, this can be difficult. Low resistance values typically offer low TCR options, but higher resistance values are typically thick film elements with poor TCR. Stackpole's new CSRT thin film current sense chip resistors offer resistance values from 10 milliohm to 10 ohm with TCR ranging from 50 to 200 ppm depending on resistance value. Sizes and power ratings range from 0.2W in the 0201 size to 3W in the 2512 size.

The low TCR and higher relative resistance value of the CSRT is a good choice for power supplies for currents between 2A and 17A, industrial power control, consumer electronics, telecom, computer, measurement equipment, battery management, and LED drivers.

Pricing for the CSRT depends on size, resistance value, and tolerance, and ranges from \$0.02 to \$0.10 each in full reel quantities. Contact Stackpole or one of our franchised distribution partners for volume pricing.

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

Stackpole Electronics Inc. is a leading global manufacturer of resistors. 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, Stackpole has facilities in Japan, Taiwan, China, the US and Mexico.

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