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CSRT Wide Termination Value Ranges Extended up to 2 ohms

RALEIGH, NC (Aug. 2, 2022) – Power supplies and current sensing circuits have requirements that are as diverse as the end products they serve. Applications do not always require a low value to accompany the demand for low TCR. It can be challenging to find a resistor for applications that require low TCR sense resistors, yet don't need extremely low resistance values for high current handling. Low resistance values typically offer low TCR options, but higher resistance values are typically thick film elements with poor TCR. Similarly, higher current handling resistors typically come in larger sizes and wide terminations. However, larger size case sizes are prone to cracking and solder joint failure. Stackpole's CSRT Series offers solutions to bridge the gap between these opposing requirements. The CSRT is now available in values up to 2 ohms in the 0612, 1020, and 1225 wide termination chip sizes, allowing it use in sensing circuits that prioritize accuracy and don't require the highest sensing efficiency.

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 \$0.025 to \$0.20 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@seielect.com; or visit our website at www.seielect.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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