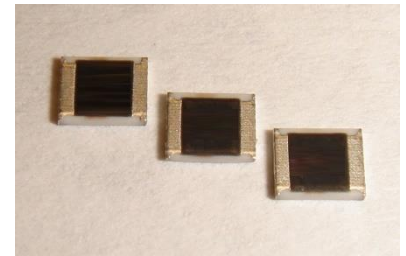


CSRT Metal Film Current Sense Resistors Offer Precision Tolerances and Low TCR

RALEIGH, NC (Mar. 28, 2023) – Power supplies and current sensing circuits have diverse requirements because of the wide range of 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 and limited tolerance down to only 1%. Stackpole's CSRT current sense resistors feature tolerances down to 0.5% and TCR of 50 or 100 ppm depending on value and are AEC-Q200 compliant. In addition, the CSRT offers high power handling with a 2512 size chip rated up to 3.5W.



The excellent precision performance of the CSRT makes it 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.

[CSRT Series](#)
[Thin Film Current Sensing 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.