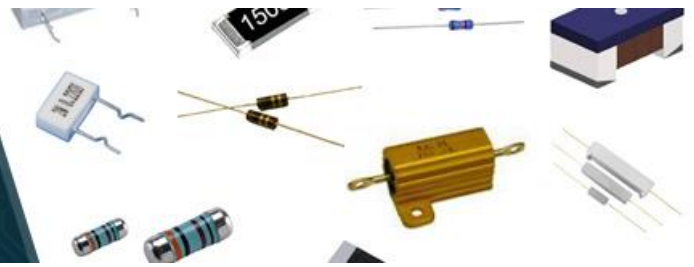


# Stackpole Electronics

Resistive Product Solutions



## HCS High Current Metal Shunt for Hybrid Power Sources

**RALEIGH, NC** (May 10, 2022) – As power electronics evolve, the requirements for high current, low resistance sensing resistors continues to increase. Emerging applications, such as, hybrid power systems may require high power, high accuracy, and low thermal resistance. These are a difficult combination for many traditional sense resistor technologies. However, Stackpole’s HCS series provides high power, precise sensing and low thermal resistance. The HCS offers power ratings up to a 10W rated, 5930 size with TCR as low as 50 ppm, and a raised element to improve the thermal footprint of the device and decrease PCB and terminal temperature. Resistance values as low as 0.2 milliohm ensure the high efficiency sensing in a surface mountable package. The all-metal construction also provides very high pulse withstanding superior to that of film or foil on ceramic sense resistor types.



Pricing for the HCS depends on size, tolerance, and resistance value. Contact Stackpole or one of our franchised distribution partners for specific or volume pricing.

[HCS Series](#)  
[High Current Metal Element Shunt Resistor](#)

Stackpole Electronics, Inc.  
Editor Contact Information  
Kory Schroeder  
Director of Marketing & Product Engineering  
919-875-2495  
[kschroeder@seielect.com](mailto:kschroeder@seielect.com)

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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](mailto:marketing@seielect.com); or visit the website at [www.seielect.com](http://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.