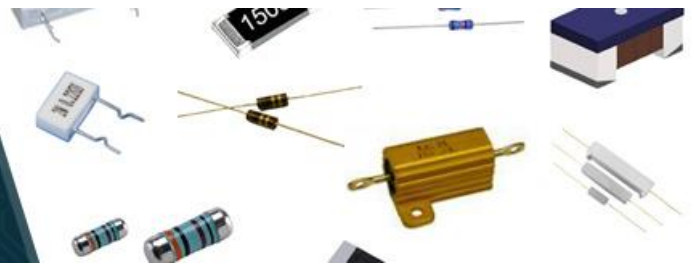


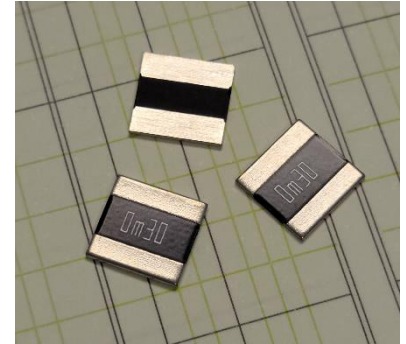
Stackpole Electronics

Resistive Product Solutions



CSSH3637 7W Current Sensing Resistor for High Power Sensing Requirements

RALEIGH, NC (May 16, 2022) – Power electronic engineers continue to push for higher power, lower values, and better precision. Most common resistor technologies cannot adequately meet all three requirements, but Stackpole’s CSS/CSSH Series is able to meet these demands in a variety of sizes, power ratings and values. Stackpole’s latest addition is its 3637 high power shunt. The CSSH3637 is a 7W SMD current sense resistor offering a 0.3 milliohm resistance value with 100ppm TCR. This combination of low resistance, low TCR, and high power allows for sensing at high power and high efficiency with excellent accuracy. The CSSH3637 can sense currents of up to 152A and the all-metal construction also provides very high pulse withstanding. The CSSH is ideal for industrial power supply controls, industrial chargers, aerospace and avionics controls, hybrid power control, and electric mobility.



Pricing for the CSSH3637 is \$0.80 each in 1% tolerance. Contact Stackpole or one of our franchised distribution partners for volume pricing.

[CSS/CSSH Series](#)
[Ultra-precision Metal Alloy current Sensing Chip Resistor](#)

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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.