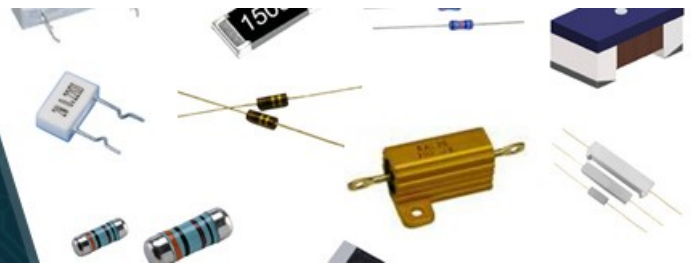


Stackpole Electronics

Resistive Product Solutions



HCSM2818

High Current Shunt Resistors Offer a 5W Power Rating

RALEIGH, NC (Mar. 2, 2021) – Modern electronics utilize current sense resistors for portable power management. As more devices become portable, higher currents and higher power ratings are critical, however, space for any portable electrical device must always be conserved. The HCSM2818 from Stackpole is only marginally larger than a standard 2512 size chip but offers a 5 watt continuous power rating to maximize power handling in a given PCB area. The AEC compliant HCSM2818 offers 1% and 5% resistance tolerances in resistance values of 4, 5, 10, 15, 20, and 25 milliohms. TCR ranges from 200 ppm for the 4 and 5 milliohm values to 75 ppm for the values 10 milliohms and higher.



Pricing for the HCSM2818 varies with tolerance and ranges from \$0.40 each for 5% to \$0.45 for 1% tolerances. Contact Stackpole or one of our franchised distributor partners for volume pricing.

[HCSM Series](#) [High Power Metal Element Current Shunt 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.