

HCSM2818

Compact SMD 5W Current Sense Resistors

RALEIGH, NC (July 24, 2018) – Stackpole’s new HCSM2818 is a 5W surface mount part with an all-metal element and molded construction. The HCSM2818 is available in resistance values of 4, 5, 10, 15, and 20 milliohm in 1% and 5% tolerances. TCR is 200 ppm for the values below 10 milliohm and 75 ppm for values of 10 milliohm and above. With full power operation up to 100°C and operating temperature limit of 170°C, the HCSM is well-suited for high power current sensing which normally experiences significant self-heating. The large terminations provide a thermally efficient connection which helps reduce the convection and conduction cooling.



The HCSM2812 is 100% RoHS compliant, Halogen and lead-free. Pricing for the HCSM2818 is \$0.38 each in full reel quantities. Contact Stackpole or one of our franchised distributor partners for volume pricing.

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.