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

HCSM2818

AEC Compliant SMD Molded High Current Shunts

RALEIGH, NC (Nov. 19, 2018) – Stackpole's HCSM2818 is a 5 W surface mount current sense shunt with excellent long-term stability and good TCR. The HCSM offers 4 and 5 milliohm values in 200 ppm TCR and 10, 15, and 20 milliohm values in 75 ppm TCR. The molded package and larger terminations provide exceptional thermal resistance and allows the part to run cooler at higher power levels than typical chip resistors of this size. In addition, the HCSM is rated for full power operation up to 100 ⁰C and allows derated operation up to 170 ⁰C. This high temperature capability is important for high current power control and monitoring, such as for power modules and inverter control, frequency converters, and power management for hybrid vehicles.

The HCSM2818 10, 15, and 20 milliohm values are in stock. Pricing for the HCSM depends on tolerance and ranges from $0.40 to $0.45 each in full package 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.