

HCS Series

AEC-Q200 Qualified High Current Shunts

RALEIGH, NC (Apr. 18, 2017) – Stackpole’s popular HCS series is fully compliant with AEC-Q200. AEC-Q200 requires the resistors to have an operating temperature range of -55°C to +150°C and survive a wide range of electrical and mechanical stress tests. These tests include exposure to high temperatures, temperature cycling, high temperature operational life, biased humidity, ESD, board flex, and terminal strength. Components qualified to AEC-Q200 provide engineers additional assurance that they are designing in a robust and reliable component. In addition, the raised resistance element offers lower thermal resistance meaning lower PCB temperatures and easier implementation for high current usage.



The HCS is a good choice for all types of high power supplies and power modules, electric motor controls, fuel powered engine controls, DC to DC converters in switching power supplies, frequency converters, voltage regulators, portable power management and battery monitoring.

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

For more information about Stackpole products, contact Stackpole Electronics, Inc. at 2700 Wycliff Road Suite 410, Raleigh NC 27607; 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.