

PRESS RELEASE



SM Series Molded SMD Wirewounds Replace Multiple Ceramic Flat Chips

RALEIGH, NC (Mar. 26, 2014) – The SM series offers a robust wirewound product in a surface mountable device capable of handling up to 4 watts in a single part. Some applications require power handling of at least 2 watts but design engineers have concerns about parts cracking or solder joint integrity for chip sizes of 2010 or larger. As a result, they are forced to use multiple 1206 size chips which increase the size and manufacturing cost of the design.

A single SM is an ideal solution in that it can handle high continuous power with relatively low heat rise and has compliant metal terminations which eliminate part and solder joint cracking problems. In addition, the SM can operate safely in temperatures up to 275°C.

Markets and Applications:

- * Engine controls
- * Electric motor, fan, and pump controls
- * Power conversion
- * Current limiting for circuit protection
- * Test, measurement, and data acquisition
- * Precision automation systems
- * Thermostats



Pricing varies with size, value, and tolerance, and ranges from \$0.33 to \$1.15 each in full reel quantities. Contact Stackpole for volume pricing. Many popular sizes and resistance values are in stock through Stackpole directly or through our distribution partners.

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 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.

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