

## SM Series

### For High Energy Surface Mount Resistor Applications

**RALEIGH, NC** (Jun. 7, 2016) – The SM series wirewound resistor offers a robust surface mount device capable of handling up to 4 watts in a single part. The SM8035 case size can handle over 50J of energy while the SM2615 size can withstand more than 5 times the energy of a comparable size pulse withstanding flat chip resistor. A single SM is an ideal solution for applications that demand high continuous power with low heat rise. The compliant metal terminations eliminate part and solder joint cracking problems. In addition, the SM can operate safely in temperatures up to 275°C where typical flat chip resistors can only operate at temperatures up to 155°C.



#### 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](mailto:marketing@seielect.com); or visit the website at [www.seielect.com](http://www.seielect.com).

Stackpole Electronics Inc. is a leading global manufacturer of resistors supplying to the worlds 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.