

# PRESS RELEASE



## Stackpole's SM8035 for High Energy Pulse Applications

**RALEIGH, NC** (Jan. 22, 2013) – The SM8035 from Stackpole is a 4 watt molded SMD wirewound resistor. The robust wirewound element is able to withstand much higher surge energy than other film surge resistors. The SM8035, in a 1 ohm value for example, has the energy handling capacity of 43.3 Joules. The other SM sizes similarly have impressive pulse handling for their size. Pulse handling also typically increases for lower resistance values due to the necessity to use larger diameter wire.

SM Wirewound Energy Capacity			
Part Number	Power Rating (W)	Resistance Value (ohms)	Energy Capacity (J)
SM2615__1R00	1	1	1.7
SM4124__1R00	2	1	2.7
SM6227__1R00	3	1	17.2
SM8035__1R00	4	1	43.3

The SM series in general is a good choice for a wide range of power supplies and electric motor controls, as well as robotics, medical devices, test equipment, network equipment, and industrial automation.

The SM8035 is available in tape and reel packaging. Pricing varies with resistance value and tolerance and ranges from \$0.44 to \$0.63 each in full reel quantities. Contact Stackpole or one of our valued distribution partners for volume pricing. Many common values are available from stock.



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 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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