

PRESS RELEASE



MLF/MLFM MELFs Provide Lower Heat Rise Compared to SMD Flat Chip Resistors

RALEIGH, NC (November 6, 2013) – Stackpole's surface mount metal film MELFs, the MLF / MLFM Series offer cooler operating temperatures at full rated power. The cylindrical shape provides a termination that is far more thermally efficient than comparable size flat chip resistors. The solderable end caps do an excellent job of transferring the heat generated from the resistor both into the PCB and into the ambient air. This means more stable operation under a given set of electrical conditions, which enhances the long-term performance of the part. The nichrome film makes this part ideal in applications that require accuracy and precision along with cooler operating temperatures.

The MLF / MLFM is available in 1/4W, 1/2W, and mini 1W power ratings in 0204 and 0207 case sizes. TCR's range from 100 ppm to 10 ppm with tolerances down to 0.1%.

The MLF and MLFM Series are ideally suited for a wide variety of power supplies requiring higher power density or lower self-heating. Additional applications include industrial controls, utility metering, automotive instrumentation, heavy equipment instrumentation, medical instrumentation and monitoring, test equipment and instrumentation, and audio equipment.



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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