



RESISTORS • COILS • DELAY LINES

Editorial Contact:

A. Arcidy VP Marketing
Tel: (603) 669-0054 Ext.313
Fax: (603) 669-5455
E-mail: aarcidy@aol.com

PRESS RELEASE



RCD INTRODUCES FAILSAFE LIGHTNING RESISTORS

Manchester, NH – February 1, 2000 – RCD Components Inc., a leading manufacturer of resistors, coils and delay lines has announced the release of a specialty surge-tolerant resistor which safely fuses when exposed to extended overloads, making it ideal for the safeguarding of electronic circuitry. It is especially suited for telecom line cards and similar applications, particularly line feed circuits, DDS (Digital Data Phone Service) Interchange circuitry, and recently popular HDSL technology.

RCD's recent acquisition of a fuse resistor manufacturing line from Industrial Midwec, coupled with RCD's 27 years of surge resistor experience, enabled the development of the new resistor family, designated LF2 (Line Feed 2-watt resistor). The LF2 complies with UL497 and Bellcore TR1089 circuit protection requirements, and enables significant cost and PCB real-estate savings due to the use of a single component instead of two separate components (resistor and fuse).

The unique design of the LF series enables it to withstand large overloads, such as lightning surges, in-rush currents, and capacitor discharges, but will open safely when subjected to fault conditions, such as telephone line power cross overloads. "RCD is the only manufacturer that offers lightning surge and power cross protection as low as 1 Ω . This makes the product ideally suited for HDSL circuits since these require lower values" said Al Arcidy, Vice President. "This positions RCD to better meet the special requirements of the telecommunications industry, as well as others that require surge-proof resistors", Arcidy added.

The LF2 series is comprised of a surge-tolerant wirewound resistor and a thermal fuse, packaged in a flameproof ceramic case. Dimensions are 1.045" long x .265" wide x .45" high, and are available in a resistance values from 1 Ω to 1K Ω , 1% to 5% tolerance. Samples and production quantities of RCD's LF2 are available now, with lead-times of six to eight weeks for larger orders. Typical pricing is less than \$1.00 each at the 1000 piece level. Product is presently being produced at RCD's New Hampshire facility, and is slated to begin production at RCD's Caribbean facility in mid 2000. The LF2 series is also available through RCD's unique *SWIFT*[™] program (Ship Within Fifty Two hours) which enables the immediate manufacture of nearly any standard or custom resistor product or network at a modest price premium.

For samples or detailed product information, contact RCD Components Inc., at 520 East Industrial Park Drive, Manchester, NH USA 03109. Phone: (603)669-0054, Toll Free Order Hot Line: (877) RCD-COMP, Fax: (603) 669-5455. The specifications for this product may also be accessed at www.rcd-comp.com or by dialing RCD's "Fax on Demand" service at (603) 669-0054 ext. 602.



Acknowledged throughout the electronic components industry for its service and engineering excellence, RCD Components Inc. is one of the world's leading manufacturers of Resistors, Coils, and Delay lines. RCD was founded in 1973 and is headquartered in Manchester New Hampshire, USA, with plants in Europe, the Caribbean, and the Far East. RCD continues to be one of the fastest growing passive component manufacturers due to its ABZED[™] Absolute ZERo Defect guarantee, fast turnaround on non-standard products, and inventory in excess of 2 billion components.