



RESISTORS ◊ CAPACITORS & COILS ◊ DELAY LINES

For Immediate Release

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PRESS RELEASE

RCD'S ULTRA-PRECISION THIN-FILM CHIP RESISTORS – OFFER 'FOIL' PERFORMANCE AT A SUBSTANTIAL COST SAVINGS



Manchester, NH – February 3, 2004 – RCD Components Inc., a leading manufacturer of passive components, today announced its latest ultra-precision thin-film resistor technology. RCD's new family of BLU series chip resistors are intended for measurement and control applications in medical, industrial, communications, portable electronics systems, and many applications requiring an outstanding TCR as critical design factors.

RCD's thin-film BLU-chip series resistors are available in a wide range of industry standard case sizes including 0201, 0402, 0603, 0805, 1206, 1210, 2010, and 2512, with minimum resistance values ranging from 4.7Ω to $4.7M\Omega$ and tight tolerances to $\pm 0.01\%$. The tightest TCR value for the BLU series devices are ± 2 ppm/ $^{\circ}C$. Working voltages range from 15 V to 200 V, and maximum DC power ratings range from 50mW to 1W. RCD's BLU series thin-film technology offers designers the lowest and most predictable absolute Temperature Coefficient Resistance available in thin-films. The availability of tight absolute tolerance and TCR provides an excellent cost solution for most applications that previously required bulk metal foil types.

RCD's expertise in the field of ultra-precision resistors since 1973, combined with the latest in automated chip resistor production, enables the world's most precise chip resistors at prices comparable to lower grade devices. The BLU-chip design features excellent stability levels; comparable with bulk metal foil technology and generates low noise ($< -40dB$) making it well suited for most high frequency and analog applications.

The BLU-chip series are available with several custom options including a pulse resistant design, matched sets, burn-in for Hi-Rel applications, and lead free terminations. Pricing starts at less than \$.25 for 5PPM devices and under \$1.00 for 2PPM depending on quantity, size, tolerance and resistance, etc. Samples of RCD's BLU series are available now, with lead times of six to eight weeks for production quantities on most styles.

RCD's latest catalog is available at no charge from <http://www.rcdcomponents.com/> or by calling 1.877.RCD-COMP (723.2667). The catalog datasheets are also downloadable from their website.

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, Capacitors, Coils, and Delay lines. RCD, founded in 1973, manufactures small-to-medium sized orders at its headquarters in Manchester, NH, USA. Large volume efficiency is attained at Asian, Caribbean, and European production plants. 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.