



PRESS RELEASE

Electrolytic capacitors support high voltage applications that demand extended load life

Reduced case size **NRE-WB** aluminium electrolytic capacitors from NIC Components Corp are ideal for use in electronic ballasts for fluorescent lighting and other high voltage applications that require elevated temperature, extended load life performance. The greater efficiency of fluorescent lighting – which is able to convert approximately 25% of its energy to light versus just 5% achieved by filament lighting – coupled with an ongoing drive towards greater efficiency, has created a large and growing market for electronic lighting ballasts.

NRE-WB miniature radial leaded devices have a high ripple current rating of up to 2.0A (100KHz, +105degC), and are available with capacitance values from 10uF to 220uF and voltage ratings from 200VDC to 450VDC. Extended load-life, of up to 10,000 hours, at high temperature makes NRE-WB capacitors suitable for applications where the replacement of components may be difficult or cost prohibitive.

A wide operating temperature range of -25°C to +105°C enables the new capacitor series to give stable, reliable performance in applications where high temperatures are present such as fluorescent lighting or in densely packed high voltage power supplies. Case sizes range from 10mm x 20mm up to 18mm x 31.5mm depending upon rated voltage and capacitance value. Pricing from \$0.19 ~ \$0.75 each in production volumes. Delivery from 12 to 16 weeks.

- end -

Data Sheet: <http://www.niccomp.com/Catalog/nrewb.pdf>

Editorial contact information: Jim Wright - VP Technology & Marketing

e-mail: jwright@niccomp.com | URL: <http://www.niccomp.com>

NIC Components Corp.
70 Maxess Road
Melville, NY 11747

Tel: 631-396-7500 | Fax: 631-396-7575

February 2004 Ref: NIC063