

## NRE-WB SERIES



### Product Family

Aluminum Electrolytic Capacitor - Radial Leaded

### Description

High C/V capacitor that has a high ripple current rating and wide temperature range. The NRE-WB series is a reduced size, radial leaded capacitor providing extended load life (up to 10,000 hours) at high temperature.

### General Specifications

- Temperature Range            -25°C ~ +105°C
- Capacitance Range            10uF ~ 220uF
- Voltage Range                 200 ~ 450VDC
- Ripple Current Rating         up to 2.0 Amps
- Leakage Current Rating       0.6CV +10mA
- Size                             10x20mm ~ 18x31.5mm

### Applications/Functions

Useful in electronic ballast and other high voltage, high temperature applications. Extend load life also makes NRE-WB parts suitable for applications where replacing worn components is cost prohibitive.

- Lighting Ballast
- High Voltage Power Supplies

### Competition

Rubycon	BXA Series
UCC	KMX Series
ILL	TXK Series

### Trends

Given the greater efficiency of fluorescent lighting (converting 25% of its energy in to light versus only 5% for filament lighting) and the push towards greater energy efficiency the electronic ballast market and the market for ballast capacitors should show an increase in demand for NRE-WB type capacitors.

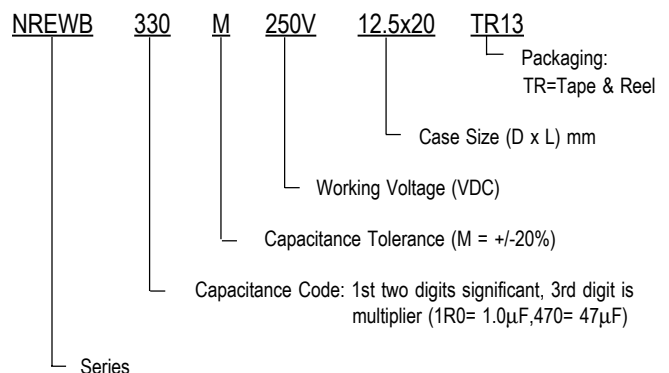
### Performance Data

For performance data see [www.niccomp.com](http://www.niccomp.com) or contact NIC tech support: [tpmg@niccomp.com](mailto:tpmg@niccomp.com)

#### Key Parameters - Substitutes & Selling Tips

- + High Voltage @ +105degC
- + Long Life - endurance for high temperature lighting ballast applications
- + Lower cost and small size alternate to snap-in e-caps
- + Horizontal mounting possible for low profile use

### Part Numbering System



#### NIC Global Locations: [LINK](#)

##### North America

Tel: (631) 396-7500 | [sales@niccomp.com](mailto:sales@niccomp.com)

##### Europe

Tel: 44 1280 813 737 | [niesales@niccomp.com](mailto:niesales@niccomp.com)

##### SE Asia

Tel: 65-68441575 | [niasales@niccomp.com](mailto:niasales@niccomp.com)