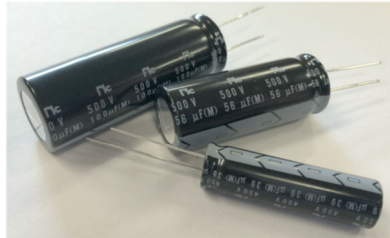


PRODUCT PROFILE & CROSS-REFERENCE



NRB-SZ series

Radial Leaded Aluminum Electrolytic Capacitors

Increased capacitance per size and extended lifetime

NIC Components Corp, a leading global supplier of electronic components, today introduced the NRB-SZ series of radial leaded aluminum electrolytic capacitors featuring increased capacitance value per case size. NRB-SZ is an upgrade to the NRB-XZ series and is supported in higher working voltages from 400VDC to 500VDC, in capacitance values from 15uF to 220uF and with increased ripple current ratings up to 2.7Arms/100KHz. NRB-SZ series has an operating temperature range of -40°C to +105°C with extended lifetime ratings from 10,000 hours to 12,000 hours at +105°C (equivalent to >15 years under operation at +65°C). Component case sizes range from 10mm to 18mm diameters with component heights from 20mm to 60mm. Horizontal mounting option, with cut and formed leads, is available for low profile (height restrictive) applications. NRB-SZ is ideal for use in high voltage power supplies, inverters, motor drives, green power, and office equipment applications. NRB-SZ series is RoHS and REACH compliant and halogen-free.

→ Contact NIC Components today for free samples or to review your circuit requirements

Features:

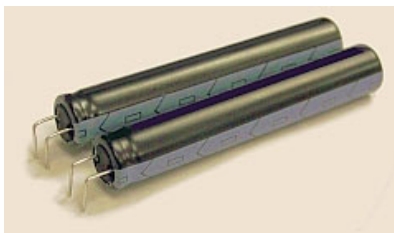
- Increased CV per Case Size
- High Ripple Current
- Long Life at High Temperature (≤12K Hours @ +105°C)
- Horizontal Mount Option Available

High Voltage Equipment Applications:

- Power Supplies
- Inverters
- Motor Drives
- Green Power
- Office Equipment



Product Specification: <https://www.niccomp.com/products/catalog/nrbsz.pdf>



Horizontal Mount Option

Competitor Cross Reference:

NIC Components	NRB-SZ Series
KEMET	ESZ__
Nichicon	UCP__
United Chemicon (UCC)	KXL__
Nippon Chemicon (NCC)	
Panasonic	EEUEE__ (EE Type: A)
TDK - EPCOS	B43888G__ (EOLed in 2018)

→ NIC Technical Support: tpmg@niccomp.com

→ NIC Quick Builder: https://www.niccomp.com/QuickBUILDER/qb_capacitor.php