

PRODUCT PROFILE & CROSS-REFERENCE

✂ NIC Technical Support: tpmg@niccomp.com

 PDF Specification:
<https://www.niccomp.com/products/catalog/nrbte.pdf>

Product Category:

Passives; Capacitor; Aluminum Electrolytic; Radial LDD; +125°C

NRB-TE series

+125°C rated Radial Leaded Aluminum Electrolytic Capacitors

NIC Components Corp. is pleased to announce the release of the NRB-TE product series of extended temperature long-life rated radial leaded aluminum electrolytic capacitors.

NRB-TE series is intended for use in **AC line power circuits requiring high voltage rated 400V, 450V, and 500VDC input filter capacitors**. Featuring upgraded materials and construction the NRB-TE series is best suited for use in high-reliability, enterprise-level and, cellular infrastructure applications, including today's small-cell (5G) technology.

Evaluation samples are available upon request. Please contact NIC today to review your requirements.

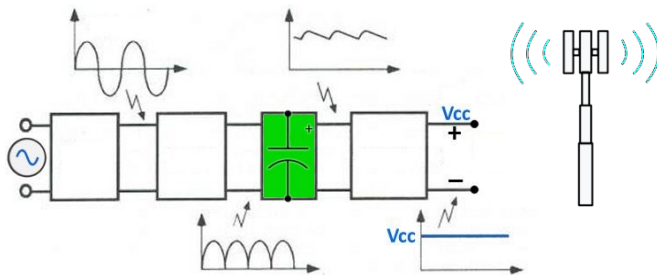


Features:

- Miniature Sizes
- Upgraded Materials and Construction
- Extended Temperature rated -40°C to +125°C
- Long Life at High Temperature:
 - up to 5000 Hours at +125°C
 - up to **20,000 hours at +105°C; 80,000 hours at +85°C**

Applications:

- AC line Power Circuits
- Cellular Infrastructure (**LTE / 5G**)
- High Voltage Power Supplies
- High-Reliability
- Enterprise-Level



Cross-Reference

NIC	Nichicon	NipponChemi-Con United Chemi-Con
NRB-TE	VSML	GXF

Co-Sell Products:

-  High Current **Power Inductors**:  NPIM_PE & NPIM_PA  NPIM_S
-  EMI Suppression **Capacitors**: NPXH, NPXI & NPYT = X2 & Y1/Y2
-  High Current Sensing **Resistors**:  NCSA  NCST-C


NIC Components Corp.

ISO 9001:2015 REGISTERED