

PRODUCT PROFILE & CROSS-REFERENCE

✂ NIC Technical Support: tpmg@niccomp.com

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

Product Category:

Passives; Capacitor; Aluminum Electrolytic; Snap-In; +125°C

NRLRT series

+125°C rated Snap-In Aluminum Electrolytic Capacitors

NIC Components Corp. is pleased to announce the release of the NRLRT product series of snap-in aluminum electrolytic capacitors featuring high voltage ratings for use in **primary side smoothing capacitor circuits for LTE / 5G infrastructure and similar high-reliability long-life applications.**

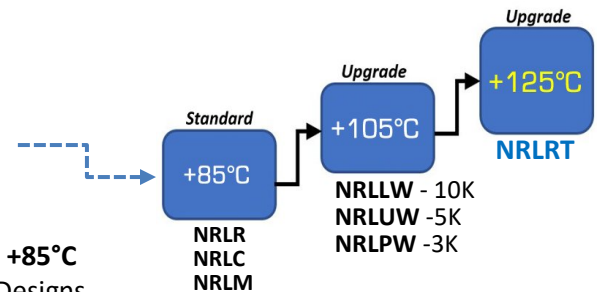
+125°C rated



NRLRT series supports capacitance values from 68µF to 820µF, high voltage ratings covering 400VDC, 420VDC, and 450VDC in case sizes from 22x25 to 35x60mm (∅DxL). Evaluation samples are available upon request. Please contact NIC today to review your requirements.

Features:


- Upgraded Materials and Construction
- Higher Ripple Current Rated
- **Top temperature rated; +125°C of Snap-In types**
- Long Life at High Temperature:
 - up to **2000 Hours at +125°C**
 - up to **8000 hours at +105°C, 32,000 hours at +85°C**
- Reduced Case Sizes, Low Profile for High Density Designs

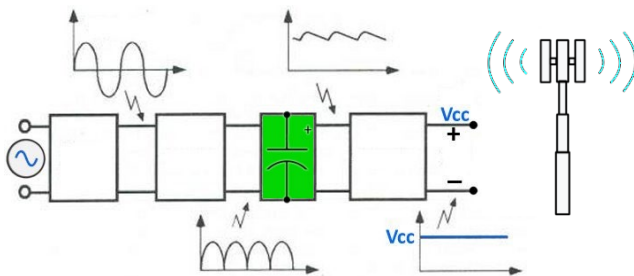


Circuit Applications:

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

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



Cross-Reference

NIC	NipponChemi-Con United Chemi-Con
NRLRT	GXA


NIC Components Corp.

ISO 9001:2015 REGISTERED