

NIC PRODUCT PROFILE

NRLQW series

Snap-In Aluminum Electrolytic Capacitors

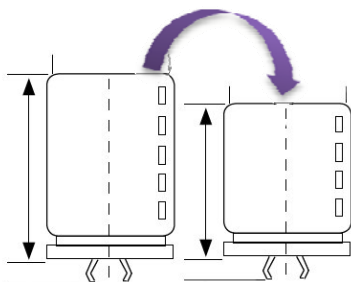


www.niccomp.com/catalog/nrlqw.pdf
www.niccomp.com/series/NRLQW

NIC Components is pleased to announce the addition of NRLQW series snap-in type aluminum electrolytic capacitors in reduced case sizes. NRLQW series provides component downsize solutions in 22mm, 25mm, 30mm and 35mm case diameters, for use in low profile and high density designs. Load life rated at 2000 hours at +105°C, the NRLQW series is available in 56µF ~ 820µF in 400VDC, 420VDC, 450VDC and 500VDC ratings. Supporting ripple current ratings to 3.22Arms (10K ~ 50KHz / +105C), over operating temperature range of -25°C ~ +105°C, the NRLQW series is ideal for use as input filter for high voltage power supplies, energy storage, smoothing, filtering and load buffering applications.

RoHS compliant and halogen-free, the NRLQW series is supplied in bulk packaging for hand insertion into PCB assemblies. Typical unit pricing for NRLQW series is \$0.79 to \$5.29 each, with standard lead times from 8 to 12 weeks.

➔ Contact NIC today to review your requirements, and request free samples for design and evaluation purposes.



Downside Height
i.e. 220uF / 400VDC
 22X45 → 22X35
10mm height reduction!

FEATURES

- Lower Profile, up to 10mm lower height
- High Voltage (Up To 500VDC)
- 2000 hour load life @ +105°C
- High Ripple Current



Co-sell with NIC Products:



NPIM_P – SMT Power Inductors
 Metal Composite High Current - Low Loss



NPX – X2 Safety Capacitors / Metallized Polypropylene, Interference – EMI Suppression, 310VAC rated

Applications & End Products:

- Smoothing
- Filtering
- Energy storage
- Load buffering
- High voltage power supplies
- General circuit use
- High reliability & long life applications
- Green power (Solar & Wind) inverters
- Power factor correction
- Industrial & white goods inverters

➔ Cross the below competitor PNs

| Competitor | Series |
|------------------------|--------|
| Nippon Chemi-Con / UCC | KMR |
| Nichicon | GG |

