

NACNW SERIES



Product Family

SMT Aluminum Electrolytic Capacitors

Description

Surface mount V-Chip **Bi-polar** capacitor. High temperature range offers longer life expectancy. NIC NACNW series capacitors are low profile (5.5mm max. height) and are reflow soldering compatible.

General Specifications

- Temperature Range **-55°C ~ +105°C**
- Capacitance Range 0.1 ~ 47µF
- Voltage Range 6.3 ~ 50VDC
- Capacitance Tolerance ± 20%
- Load Life at 105°C 1000 hours
- Sizes (4x5.5mm ~ 6.3x5.5mm)

Applications/Functions

Used in speaker crossover networks and other applications where voltage polarity may fluctuate.

- Audio circuits
- Telecommunications
- Speakers

Types of equipment that might use bi-polar capacitors are modems, audio systems, speaker systems, telephone and teleconferencing equipment.

Competition

- | | |
|----------|--------------|
| Nichicon | UUP Series |
| Rubycon | NSKV Series |
| UCC | MVKVP Series |

Trends

Growth of telecommunication and audio equipment should result in increasing demand for higher temperature - longer life NACNW type SMT aluminum electrolytic capacitors.

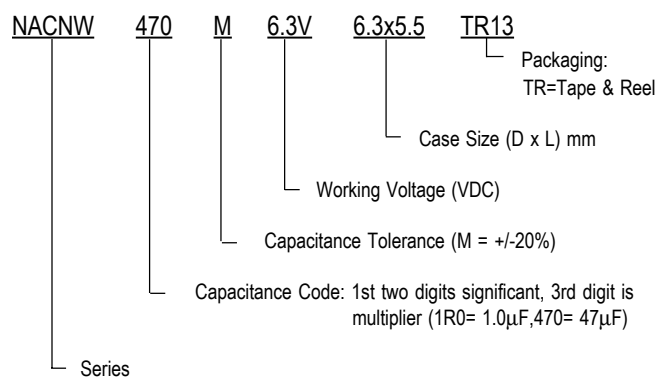
Performance Data

For performance data see www.niccomp.com or contact NIC technical support: tpmg@niccomp.com

Key Parameters - Substitutes & Selling Tips

- + Four times life - endurance rating as compared to 85degC rated version
- + Cannot be reverse biased, great for unknown or inconsistent polarity applications
- + Construction is resistant to transients that could cause tantalum e-caps failures

Part Numbering System



NIC Global Locations: [LINK](#)

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