PRODUCT PROFILE & CROSS-REFERENCE

NIC Technical Support: tpmg@niccomp.com

PDF Specification:
https://www.niccomp.com/products/catalog/nazp.pdf

Product Category:
Passives; Capacitor; Aluminum Electrolytic; SMT; 7000 Hours; +105°C

NAZP
7000 hours @ +105°C

NAZP series

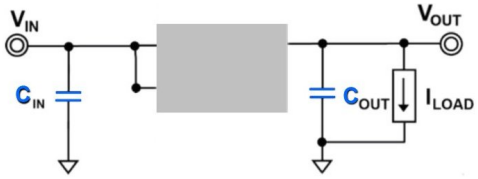
Long Life SMT Aluminum Electrolytic Capacitors

NIC Components Corp. is pleased to announce the release of the NAZP product series of surface mount SMT aluminum electrolytic capacitors featuring extended 7000-hour load life ratings at +105°C (which corresponds to **28,000 hours at +85°C** and **112,000 hours at +65°C**).

NAZP series features high CV in reduced case sizes with low impedance and high ripple current ratings for use in power conversion (DC-DC) and regulator applications. The NAZP series is supported in capacitance values from 100uF to 470uF, with voltage ratings covering 16V to 50VDC in two case sizes; 8x10.8 and 10x10.8mm (∅ DxL). The SMT construction is halogen-free, RoHS & REACH compliant and compatible with +250°C peak Pb-free reflow soldering processes. Evaluation samples are available upon request. Please contact NIC today to review your requirements.

Features:

- Reduced Case Sizes, Low Profile for High Density Designs
- Cylindrical V-Chip Construction for Surface Mounting
- Designed For Automatic Mounting, and Reflow Soldering
- Long Life: **7,000 Hours @ +105°C**
- Low Impedance & High Ripple Current At 100khz
- Suitable For DC-DC Converter and Regulator Applications
- Available With Wide Anti-Vibration Terminations



Applications:

- DC-DC Power Circuits
- Bulk Decoupling
- Power Control
- Point of Load Regulators
- High-Reliability
- Enterprise-Level

Co-Sell Products:

High Current Power Inductors: **NPIM_PE & _PA** **NPIM_S**

High Current Sensing Resistors: **NCSA** **NCST-C**

Cross-Reference

NIC	*Nichicon*	*Nippon Chemi-Con* *United Chemi-Con*
NAZP	*UCW*	*MZE*

NIC Components Corp.

ISO 9001:2015 REGISTERED