

NIC PRODUCT PROFILE

NEDZB series

Radial & Snap-In Double Layer Capacitors



www.niccomp.com/catalog/nedzb.pdf
www.niccomp.com/series/NEDZB

NIC Components is pleased to announce the addition of NEDZB series of power assist double layer capacitors, to its offering of double layer capacitors. NEDZB series provides high capacitance value (to 200 Farad), with low ESR (0.030Ω for 100F & 200F), supporting rapid charge and discharge requirements in a wide range of power assist, power boost and power supply back-up applications. NEDZB series covers capacitance range of 1.0F to 200F in 2.5VDC and 2.7VDC ratings, over operating temperature range of -25 ~ +70°C/+60°C with load life ratings of 1000 hours. Supplied in large can format with radial leaded and snap-in style leads, the NEDZB series are supplied in bulk packaging for hand insertion into PCB assemblies, followed by wave-flow soldering. RoHS compliant and halogen-free, the typical unit pricing for NEDZB series is \$0.39 to \$22.97 each, with standard lead times from 8 to 10 weeks. Please contact NIC today, for free evaluation samples and to review your application requirements.

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

FEATURES

- Low ESR (**0.030Ω** for 100F & 200F)
- Rapid Charge & Discharge
- High Capacitance to 200F
- Temperature Range -25 ~ +70°C/+60°C
- Load Life 1000 hours
- Voltage Range 2.5V & 2.7VDC
- 1 Farad in 8mm x 12 mm size radial LDD
- 200 Farad in 35mm x 50mm size Snap-In



Applications :

- Power assist
- Power boost
- Power supply back-up
- Hybrid drivetrains
- Motor drives
- Energy storage
- Load buffering

Co-sell with NIC Products:



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



NCLP & NCSS – SMT Current Sensing Metal Strip Chip Resistors
 low EMF and Stable TCR

→ Cross the below competitor PNs

CDE	CDLC
Cooper Bussman / Eaton PowerStor	HV
Kemet	HV / S501
Maxwell	HC / BCA
NEC Tokin	HVZ
Nichicon	JC



Cross & Replacement Support ... tpmg@niccomp.com