


## PRESS RELEASE

### Leaded Interference Suppression Film Capacitors

NIC **NPX** series of radial leaded metallized polypropylene film capacitors, multiple safety agency approved interference suppression capacitor with "X2" across-the-line (250VAC / 275VAC) rating, molded box construction, radial leaded Pb-free and RoHS compliant. Featuring wide capacitance range and improved safety over ceramic capacitor styles (Self healing metallized film construction), the NPX series provides low cost EMI - noise suppression solution in a precision molded case. Supplied (option) tape and reel packaged for high speed insertion and reduces PCB assembly costs. Unit price from \$0.05 ~ \$0.30 each in production quantities.



UL, CSA, VDE, SEV, SEM  
VDE, SEV, UL, CSA, VDE,  
CE, UL, CSA, VDE, SEV, I  
DEMKO, FIMKO, CE, UL,  
UL, CSA, VDE, SEV, SEM  
CE, UL, CSA, VDE, SEV, I  
NEMKO, DEMKO, FIMKO

#### General Specifications

- 250VAC UL & CSA Approvals
- 275VAC VDE, SEV, SEMKO, NEMKO, DEMKO, FIMKO, CE Approvals
- Capacitance Range: 1000pF ~ 1.0uF
- Capacitance Tolerance:  $\pm 10\%$ ,  $\pm 20\%$
- -40degC ~ +100degC
- Low Dissipation Factor : 0.1% Max @ 1KHz
- Non-Inductive & Self-Healing Construction
- Molded polymer case meets UL-94V-0 flammability

#### Applications/Functions

- Electromagnetic Interference (EMI) Suppression
- Power Management Circuits
- Power Supplies & AC-DC Converters
- Inverters & Voltage Doublers
- Antenna-coupling, Line-by-pass components,
- Component-Electromagnetic interference filters
- Capacitor for electromagnetic interference
- Radio-interference capacitor
- Component-Electromagnetic interference filters
- Telecommunication, Computing, Industrial Controls, Lighting, Appliances, Medical, Audio & Video, Power Tools, Radio and TV Broadcast Equipment

#### Certifications - Approvals:

- UL & CSA
- VDE, SEV, SEMKO, NEMKO, DEMKO, FIMKO, CE

Data Sheet: <http://www.niccomp.com/Catalog/npx.pdf>

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