

NIC PRODUCT PROFILE

NPXH Series

Extended Range X2 Safety Film Capacitors



www.niccomp.com/catalog/npxh.pdf

www.niccomp.com/series/NPXH

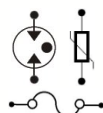
NIC Components is pleased to announce the addition of NPXH series of X2 class Safety Capacitors to its expanded family of radial leaded (LDD) high performance film capacitors. NPXH series expands upon the established NPX series, with extended capacitance value range from 1000pF to 10uF, and higher operating voltage ratings of 300V, 310V & 330VAC. NPXH is intended for use as interference suppression capacitors, used across the AC line and neutral in North America, and L1 to L2 in Europe, to suppress differential-mode interference (EMI).

NPXH series utilizes metallized polypropylene film with non-inductive & self-healing wound element construction, for stability under VAC operation, and safe end of life failure mode. NPXH series has safety agency listings with UL, cUL, ENEC, CQC for use in across-the-line, radio interference and EMI suppression applications.

Molded box type construction meets UL-94V-0 flammability test, and is supported in reduced case sizes, for high density circuit designs. NPXH is RoHS compliant, with Pb-Free finish, is supplied in bulk or tape and box (TB) packaging and has unit pricing ranging from \$0.05 to \$2.49 in production volumes. Contact NIC Components today for free samples or to review your circuit requirements

FEATURES & ADVANTAGES:

- Wound Metallized Polypropylene Film
- Self-Healing Construction
- Molded Box Type, UL-94V-0 rated
- Wide Cap Range: 0.001μF ~ 10μF
- High VAC Rating: 300VAC / 310VAC / 330VAC
- Safety Listings: UL, cUL, ENEC, CQC
- Reduced size options
- Reduce component cost
- Tape and box packaging supported



X2 Safety Capacitors

upgrade

NPX → **NPXH**

NPXH Series

Circuit Applications:

- AC Line Filtering
- EMI interference suppression
- Differential-mode EMI suppression
- Across the AC line and neutral
- Across L1 to L2 in Europe

End Products

- Power supplies
- Industrial equipment
- Motor Controls-Drives
- HVAC equipment
- Pump controllers
- Smart Grid (Metering)
- Security & Alarm
- Office Equipment
- Power Tools
- Networking

Co-sell with NIC Circuit Protection:

- NGT_5 series of SMT Gas Discharge Tubes
- NFVC-H 250VAC (up to 5A) SMT Fuses
- NVR - Metal Oxide Varistors / UL1449 (to 6,500A)

→ Cross the below competitor PNs

Competitor	Series
	B32921 B32922
EPCOS - TDK	B32923 B32924 B32926 B32928
Faratronics	MKP 62
Kemet	R46, R46 MINI
Vishay	F1778
Wima	MKP-X2



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