

NIC PRODUCT PROFILE

NVH Series

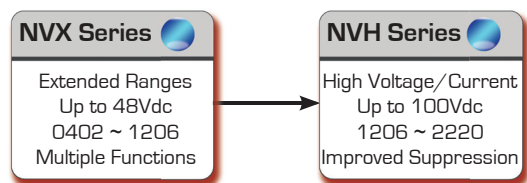
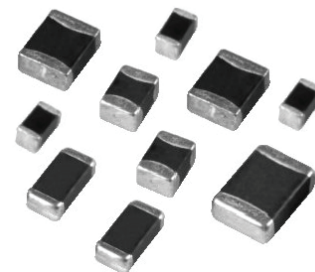
High Current, High Voltage SMT Chip Varistors

Description:

Smaller and thinner end products continues the drive to replace larger through hole suppression products.

In a multilayer construction, the NVH offers excellent energy volume distribution and power dissipation, providing high energy absorption and fast response times making them ideal to suppress high energy transient voltage of a circuit.

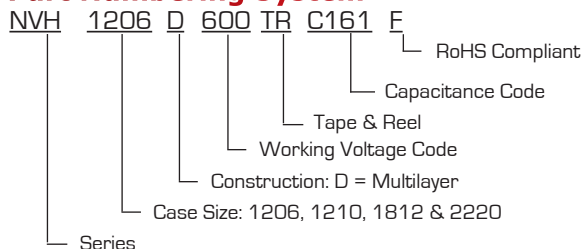
As an upgrade to the NVX series, the NVH series has been developed to suppress large surge current to meet the market's requirements in applications including power supplies, LED lighting and smart grid solutions.



NVH Characteristics:

- Temperature Range : -55°C ~ +85°C
- DC Voltage Ranges : 5.5VDC ~ 100VDC
- Peak Current (8/20uS) up to : 1200 Amps
- Capacitance @ 1.0Vrms, 1KHz as Low As : 100pF
- Capacitance Tolerance: ±30%
- Sizes: 1206, 1210, 1812 and 2220

Part Numbering System



Links to Know...

- Series Pages:
www.niccomp.com/series/NVH
- View all Circuit Protection Products
www.niccomp.com/safety
- Circuit Protection Selection Guides
www.niccomp.com/trees/varistors
- Search with QuickBUILDER
www.NICcomp.com/qb-varistors

NVH Series Applications

- ◇ Data Lines Protection
- ◇ ESD Transient Suppression
- ◇ IC & Transistor Protection
- ◇ LED Lighting
- ◇ Power Supply Surge Protection

NVH Series Co-Sell Products

- ◇ NMC-H High Voltage MLCCs
- ◇ NPX X2 Suppression Capacitors
- ◇ NGTx Gas Discharge Tubes
- ◇ NCBx Ferrite Chip Beads

NVH Cross & Replace

- ◇ Through Hole Construction
- ◇ AVX "VC" Series
- ◇ Epcos "SIOV-Cx" Series
- ◇ Littlefuse "ML" Series
- ◇ Vishay "MLV" Series

