

NIC PRODUCT PROFILE

NDTV Series

SMD Transient Voltage Suppressors

Description:

NIC Components Corp., a leader in passive component technologies, is pleased to announce the addition of transient voltage suppressors to their circuit protection portfolio with the new NDTV series.

Peak pulse power ratings (10/1000 μ s waveform) are 400W for SMA packages, 600W for SMB packages and 1500W / 3000W / 5000W options for SMC packages.

Together with operating voltage ratings from 5V to 75V, the new NDTV series offers a total of 342 unique orderable part numbers.

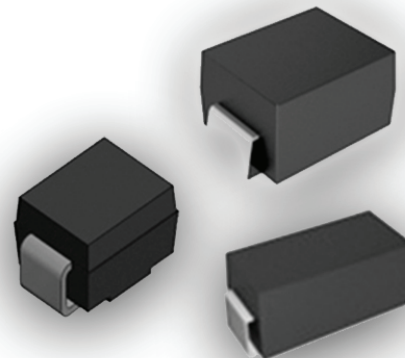
The NDTV Series has an operating temperature range of -55°C ~ +150°C, meets PB-Free reflow conditions up to 260°C and is RoHS Compliant without exemptions, halogen free and REACH SVHC 173 compliant.

Get More Information:

Series Pages: www.niccomp.com/series/NDTV

All Circuit Protection Series: www.niccomp.com/protection

All Diodes: www.niccomp.com/diodes



Cross & Replace with NDTV

- ◇ Littelfuse
- ◇ Vishay
- ◇ Brightking
- ◇ OnSemi
- ◇ Diodes Inc

Characteristics:

Package Size & Dimensions	SMA	SMB	SMC
	DO-214AC	DO-214AA	DO-214AB
Operating Temperature	-55°C ~ +150°C		
Operating Voltage (Vr)	5.0 ~ 75VDC		
Reverse Breakdown Voltage (Vbr)	7.0 ~ 92.1VDC		
Peak Power Ratings (pp @ 10/1000mS)	400W	600W	1500W
			3000W
			5000W

NDTV End Products

- ◇ DC Power Protection
- ◇ DSL Line Protection
- ◇ Power Over Ethernet (PoE) Protection
- ◇ AV Interface Protection
- ◇ Digital Line Protection (HDMI, USB)

NDTV Applications

- ◇ Security Power (Cameras, Alarms)
- ◇ Power Adapters
- ◇ Networking & Storage
- ◇ POS Equipment
- ◇ IoT Engaged Devices

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