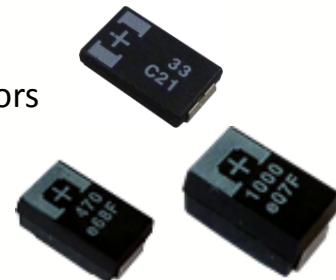


NIC PRODUCT PROFILE

NTPx series

Low ESR Solid Tantalum Electrolytic Polymer Cathode Capacitors



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NIC Components is pleased to announce the addition of five new series of tantalum-polymer electrolytic capacitors. The NTPF, NTPG, NTPH, NTPL and NTPS series are flat chip, tantalum-polymer capacitors with ultra low ESR and high ripple current performance in a surface mountable component, low profile (down to a 0.9mm height) design. Load life rated at 2000 hours at +105°C, they are available in 2.7µF ~ 1500µF in 2.0VDC ~ 35VDC ratings. Supporting ripple current ratings to 4.6Arms (100KHz / +45C), and an operating temperature range of -55°C ~ +105°C, the NTPx series are ideal for use DC/DC converters, telecommunications notebook computers and other portable electronic devices. RoHS compliant and halogen-free, the NTPx series is supplied on tape and reel packaging for automatic PCB assemblies. Typical unit pricing for NTPx series is \$0.0 to \$0.0 each, with standard lead times from 8 to 12 weeks.

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

FEATURES

- Lower Profile, starting at 0.9mm height
- High Voltage (Up To 35VDC)
- 2000 hour load life @ +105°C
- Ultra Low ESR & High Ripple Current (Up to 4.6A)

Series	Features - Advantage
NTPF	7343 D, 4V~10VDC, 150~680µF, 9mΩ, 4.6Arms, 2.8 & 3.8mm H
NTPG	3528 B, 2.5V~12.5VDC, 33~220µF, 30mΩ, 1.4Arms, 1.1 & 1.4mm H
NTPH	Higher VDC, B & D, 16V~35VDC, 2.7~150µF, 40mΩ, 1.8Arms
NTPL	Low Profile, 0.9mm H, 0805 P & 3528 B, 4.7~150µF, 2.5V~10VDC
NTPS	High Cap, B & D, 47~1,500µF, 2V~10VDC, 9mΩ, 4.4Arms

Co-sell with NIC Products:



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



NCSR – High Power Rated Current
Sensing Resistors

Applications & End Products:

- Load Stepping & Point of Load (POL)
- Smoothing & Filtering
- DC-DC Converters
- Power Supplies
- Industrial Controls
- Servers, Access Points & Routers
- Embedded Computing
- Gaming & Graphics
- Wireless Networking
- High Reliability & Long Life Applications
- Portable Consumer & Industrial Products
- Telecomm product & Notebook Computers

➔ Cross the below competitor PNs

Competitor	Series
Kemet	T520
NEC	PSL
Sanyo	TPB, TPC, TPD, TPE, TPF, TQC



NIC Components Corp.



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