

NIC PRODUCT PROFILE

NSPE-TJ Series

Ultra High Ripple Current Hybrid Aluminum E-caps

Description:

Hybrid capacitors incorporate the best elements of both solid polymer and liquid electrolyte construction to achieve ultra-low ESR, high ripple current ratings, low leakage current and superior stability over voltage and temperature.

The advanced construction technology used in NSPE-TJ series results in 35% to 60% increase in ripple current ratings reducing the total amount of components once required and helping to reduce the size of the end products.

NSPE-TJ series is AEC-Q200 qualified, for use in automotive applications, and is ideal for high temperature harsh operating environments, where high current, high voltage, and performance stability are required.

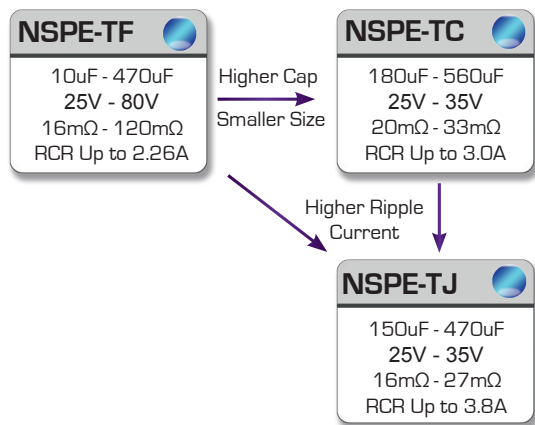
Features & Advantages:

- ◆ Ultra-High Ripple Current Ratings up to 3.8Arms
- ◆ Stable ESR & Z over Temperature
- ◆ Reduce the number of components used
- ◆ Low leakage current, upgrade over solid polymer type

Get More Information:

NSPE-TJ Series Page: www.niccomp.com/series/NSPE-TJ
 All Hybrid & Polymer Series: www.niccomp.com/apolymers
 All Capacitors: www.niccomp.com/capacitors

Series Selection:



NSPE-TJ Co-Sell Products

- ◆ High Current Ferrite Chip Beads (NCB-H)
- ◆ Current Sensing Resistors (NCLx, NCSx)
- ◆ Thin Film Chip Resistors (NTRA)
- ◆ High Current Power Inductors (NPIM_Z)

Cross & Replace with NSPE-TJ

- ◆ Panasonic EEH-ZS
- ◆ UCC HXE
- ◆ Elna HVX
- ◆ Rubycon PHV

NSPE-TJ End Products

- ◆ Automotive
- ◆ Embedded Computing
- ◆ Industrial Controls
- ◆ Outdoor Video, Lighting & Displays
- ◆ Robotics

NSPE-TJ Applications

- ◆ Low voltage inverter circuits
- ◆ Industrial motor drive circuits
- ◆ Output capacitor DC-DC
- ◆ Ripple [noise] Filtering
- ◆ Bulk Storage
- ◆ Load Stepping & Point of Load (POL)

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- ◆ Lifecycle, Upgrades, and Application Focus

NICcomp.com/QB-Capacitors

