

NEW

NSPE-x Series - FIVE Product Series Hybrid Construction Low ESR - High RCR SMT Aluminum Electrolytic Capacitors



www.NICcomp.com/NSPE

FEATURES:

- Wide Voltage Range: **6.3VDC - 100VDC**
- Ultra-Low ESR ($\geq 0.015\Omega$)
- High Ripple Current Rating RCR to $\leq 3.9\text{Arms}$ (+105°C)
- Extended Temperatures to **+125°C & +135°C**
- Lifetime Ratings: **5000, 7000 & 10,000 hours** (+105°C)
- Wide Capacitance Range: **10uF-1000uF**
- Suitable for automotive applications [TS-16949 site]

Contact us for a quote today:
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in **NIC QUICK KIT**



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Featured NEW PRODUCT



Replace Solid "OSCON" Capacitors

Use **NPSE-x Series** to Cross and Replace
SMT Solid Polymer Types

Competition Series

- Nichicon: CF, CJ, CG
- United Chemicon: PXS, PXF, PXE, PXA, PXH
- Sanyo: OS-CON (SVP, SVQ)

**Electronic
PRODUCTS**

Series	Temp Range	Life Rate @ Max Temp	Voltage Rating	Cap Range	100KHz ESR	100Hz RCR @ Max Temp	Reflow Limit	Auto
NSPE-S	-55°C ~ +105°C	3K & 5KHrs	6.3 ~ 16VDC	10 ~ 1000uF	$\geq 0.015\Omega$	$\leq 3.89\text{A}$	+250°C	Option
NSPE-H	-55°C ~ +105°C	5K ~ 10KHrs	25 ~ 100VDC	2.7 ~ 270uF	$\geq 0.022\Omega$	$\leq 2.53\text{A}$	+260°C	Standard
NSPE-T	-55°C ~ +125°C	1.5 ~ 3KHrs	25 ~ 63VDC	3.9 ~ 270uF	$\geq 0.022\Omega$	$\leq 1.52\text{A}$	+260°C	Standard
NSPE-U	-55°C ~ +125°C	2KHrs	6.3 ~ 16VDC	22 ~ 560uF	$\geq 0.016\Omega$	$\leq 2.19\text{A}$	+250°C	Option
NSPE-Y	-55°C ~ +135°C	2KHrs	25 ~ 63VDC	22 ~ 270uF	$\geq 0.022\Omega$	$\leq 1.22\text{A}$	+260°C	Standard

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