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SUB: PCN – Product Change Notification

Product Type: SMT Power Inductors

NIC Series: NPI_W

Specification: www.niccomp.com/catalog/npi_w.pdf

THE FOLLOWING IS NOTICE OF SPECIFICATION CHANGE ON BELOW REFERENCED NIC COMPONENTS PRODUCTS.

EFFECTIVE: Immediately with transition completed September 1st 2011

REASON FOR CHANGE: Standardize construction to industry standards

1.) Reduction of operating temperature range

- Reduce Ambient Operating Temperature Range from +105°C to +85°C
- Reduce Maximum Component Temperature (Ambient + Self-Heating) from +145°C to +125°C
- Retain +40°C temperature rise at maximum I_{RMS} current

Temperature Ranges	Legacy	New
Ambient Operating Temperature Range	-40°C ~ +105°C	-40°C ~ +85°C
Maximum Component Temperature (Ambient + Self-Heating)	-40°C ~ +145°C	-40°C ~ +125°C

2.) The following part numbers are going **EOL** effective September 1st 2011

EOL Part Number	Inductance (uH)	Suggested Alternate & Replacement Part Numbers
NPI30W100MTRF	10 ± 20%	NPI31W100MTRF
NPI30W150MTRF	15 ± 20%	NPI31W150MTRF
NPI30W220MTRF	22 ± 20%	NPI31W220MTRF
NPI30W330MTRF	33 ± 20%	NPI31W330MTRF
NPI30W470MTRF	47 ± 20%	NPI31W470MTRF
NPI30W680MTRF	68 ± 20%	NPI31W680MTRF
NPI30W101MTRF	100 ± 20%	NPI31W101MTRF
NPI30W151MTRF	150 ± 20%	NPI31W151MTRF
NPI30W221MTRF	220 ± 20%	NPI31W221MTRF
NPI30W331MTRF	330 ± 20%	NPI31W331MTRF
NPI30W471MTRF	470 ± 20%	NPI31W471MTRF
NPI30W681MTRF	680 ± 20%	NPI31W681MTRF
NPI30W102MTRF	1000 ± 20%	NPI31W102MTRF

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