

2 Watt**8 Pin****SMD-Package N**

- o Ultra-Miniature Size
- o Unregulated Output
- o 1000 VDC I/O-Isolation
- o 2000 VDC I/O-Isolation add Suffix "H2"
- o Only Single Output

MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	%EFF
2NUS5N3.3E	5 VDC	3.3 VDC	606 mA	70
2NUS5N5E		5 VDC	400 mA	70
2NUS5N9E		9 VDC	222 mA	72
2NUS5N12E		12 VDC	166 mA	75
2NUS5N15E		15 VDC	133 mA	78
2NUS5N24E		24 VDC	83 mA	78
2NUS9N3.3E	9 VDC	3.3 VDC	606 mA	70
2NUS9N5E		5 VDC	400 mA	70
2NUS9N9E		9 VDC	222 mA	72
2NUS9N12E		12 VDC	166 mA	75
2NUS9N15E		15 VDC	133 mA	78
2NUS9N24E		24 VDC	83 mA	78
2NUS12N3.3E	12 VDC	3.3 VDC	606 mA	70
2NUS12N5E		5 VDC	400 mA	70
2NUS12N9E		9 VDC	222 mA	72
2NUS12N12E		12 VDC	166 mA	75
2NUS12N15E		15 VDC	133 mA	78
2NUS12N24E		24 VDC	83 mA	78
2NUS15N3.3E	15 VDC	3.3 VDC	606 mA	70
2NUS15N5E		5 VDC	400 mA	70
2NUS15N9E		9 VDC	222 mA	72
2NUS15N12E		12 VDC	166 mA	75
2NUS15N15E		15 VDC	133 mA	78
2NUS15N24E		24 VDC	83 mA	78
2NUS24N3.3E	24 VDC	3.3 VDC	606 mA	70
2NUS24N5E		5 VDC	400 mA	70
2NUS24N9E		9 VDC	222 mA	72
2NUS24N12E		12 VDC	166 mA	75
2NUS24N15E		15 VDC	133 mA	78
2NUS24N24E		24 VDC	83 mA	78

SPECIFICATIONS

All Specifications Typical At Nominal Line, Full Load, and 25°C Unless Otherwise Noted

INPUT SPECIFICATIONS

Input Voltage Range	±10 %
Input Filter	Capacitor

OUTPUT SPECIFICATIONS

Voltage Accuracy	±5%
Ripple and Noise, 20MHz BW	150 mV p-p max.
Short Circuit Protection	1 sec.
Line Regulation per 1% of Vin	1.2%
Load Regulation*	5V ±15% max. 9V, 12V, 15V, 24V ±10% max.

*Measured from 10% to 100% Load

GENERAL SPECIFICATION

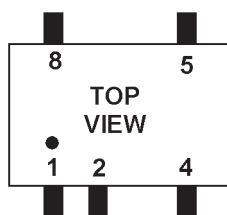
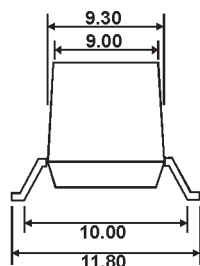
Efficiency	see table
Isolation Voltage Suffix "H2"	1000 VDC 2000 VDC
Isolation Resistance	10 Gohms
Isolation Capacitance	43 pF
Operating Temperature Range	-40°C to +70°C
Storage Temperature Range	-55°C to +125°C
Weight	2.5 gram
ReFlow Temperature	240°C max. (10-30 sec.)

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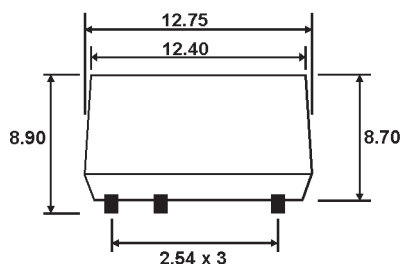
MECHANICAL SPECIFICATIONS

Case "N"



Patterns for Footprint

PIN CONNECTIONS	
1	-INPUT
2	+INPUT
4	-OUTPUT
5	+OUTPUT
8	NC



All Dimensions in mm.
Tolerances: ± 0.25 mm

NOTICE:

The information in this document has been carefully checked. However, no responsibility is assumed for inaccuracies! Specifications can be changed without notice. The latest and most complete information can be found on our website.