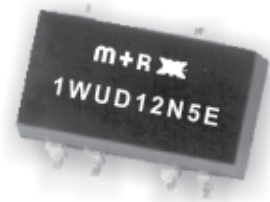


1 Watt**10 Pin SMD-Package W**

- o Ultra-Miniature Size
- o Unregulated Output
- o 1.000 VDC I/O-Isolation
- o 3000 VDC I/O-Isolation add Suffix "H3"
- o Only Dual Output



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	%EFF
1WUD3.3N3.3E	3.3 VDC	±3.3 VDC	±152 mA	68
1WUD3.3N5E		±5 VDC	±100 mA	70
1WUD3.3N9E		±9 VDC	±55 mA	75
1WUD3.3N12E		±12 VDC	±42 mA	78
1WUD3.3N15E		±15 VDC	±33 mA	80
1WUD3.3N24E		±24 VDC	±21 mA	75
1WUD5N3.3E	5 VDC	±3.3 VDC	±152 mA	68
1WUD5N5E		±5 VDC	±100 mA	70
1WUD5N9E		±9 VDC	±55 mA	75
1WUD5N12E		±12 VDC	±42 mA	78
1WUD5N15E		±15 VDC	±33 mA	80
1WUD5N24E		±24 VDC	±21 mA	75
1WUD9N3.3E	9 VDC	±3.3 VDC	±152 mA	68
1WUD9N5E		±5 VDC	±100 mA	70
1WUD9N9E		±9 VDC	±55 mA	75
1WUD9N12E		±12 VDC	±42 mA	78
1WUD9N15E		±15 VDC	±33 mA	80
1WUD9N24E		±24 VDC	±21 mA	75
1WUD12N3.3E	12 VDC	±3.3 VDC	±152 mA	68
1WUD12N5E		±5 VDC	±100 mA	70
1WUD12N9E		±9 VDC	±55 mA	75
1WUD12N12E		±12 VDC	±42 mA	78
1WUD12N15E		±15 VDC	±33 mA	80
1WUD12N24E		±24 VDC	±21 mA	75
1WUD15N3.3E	15 VDC	±3.3 VDC	±152 mA	68
1WUD15N5E		±5 VDC	±100 mA	70
1WUD15N9E		±9 VDC	±55 mA	75
1WUD15N12E		±12 VDC	±42 mA	78
1WUD15N15E		±15 VDC	±33 mA	80
1WUD15N24E		±24 VDC	±21 mA	75
1WUD24N3.3E	24 VDC	±3 VDC	±152 mA	68
1WUD24N5E		±5 VDC	±100 mA	70
1WUD24N9E		±9 VDC	±55 mA	75
1WUD24N12E		±12 VDC	±42 mA	78
1WUD24N15E		±15 VDC	±33 mA	80
1WUD24N24E		±24 VDC	±21 mA	75

last up-date 10.03.2011

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	±75 mV p-p max.
Short Circuit Protection	1 sec.
Line Regulation per 1% of Vin	±1.2%
Load Regulation (10% to 100%)	3.3 V, 5 V 9 V, 12 V, 15 V, 24 V
	±15% max. ±10% max.

GENERAL SPECIFICATION

Efficiency	see table
Isolation Voltage Suffix "H3"	1000 VDC 3000 VDC
Isolation Resistance	10 Gohms
Isolation Capacitance	70 pF
Switching Frequency	20 kHz min.
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-55°C to +125°C
Weight	2.2 gram
Case Material	DAP
Case Dimensions	15.24x8.15x7.3 mm
ReFlow Soldering: Infra Red / Air Convection	profile see diagram

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

PIN CONNECTIONS	
1	-INPUT
2	+INPUT
4	COMMON
5	-OUTPUT
7	+OUTPUT
10	NC

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