



1500 VDC Isolati

Efficiency to 83

Input π Filter

Fully Regulated Ou

24 Pin-Dip Packa

Specification

Input

Input Voltage Range • 12 V (9-18 VDC)
24 V (18-36 VDC)
48 V (36-72 VDC)

Input Filter • π Network

Output

Output Power • 7.5 Watts
Output Voltage • 5, 12 & 15 V single & dual output models

Voltage Accuracy • $\pm 2.0\%$ max

Line Regulation • $\pm 0.2\%$ max, for 90% load change

Load Regulation • $\pm 0.5\%$ max single output models,
 $\pm 1.0\%$ max dual output models,
for 75% load change

Ripple & Noise • 100 mV peak to peak max
(20 MHz bandwidth)

Temperature Coefficient • $\pm 0.05\%/^{\circ}\text{C}$ max

Short Circuit Protection • Continuous

General

Switching Frequency • 200 kHz typical

Efficiency • See Table

Isolation • 1500 VDC min in
(1000 M Ω)

Dimensions • 0.80" x 1.25" x 0.40"

Weight • 18 g

Environmental

Operating Temperature • -25°C to $+71^{\circ}\text{C}$

Case Temperature • $+100^{\circ}\text{C}$ max

Storage Temperature • -40°C to $+100^{\circ}\text{C}$

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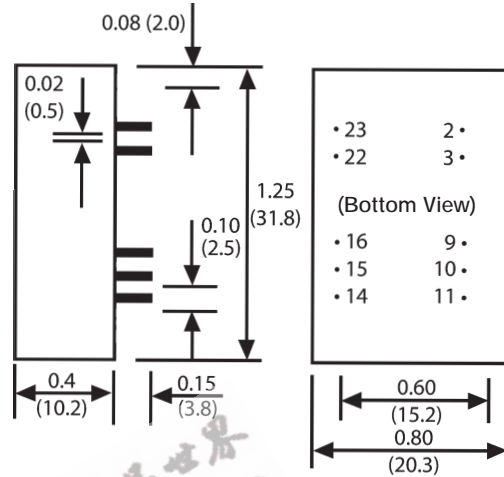
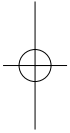
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18-36 VDC	15 VDC	500 mA	20 mA	381 mA	82%
	±5 VDC	±750 mA	25 mA	386 mA	81%
	±12 VDC	±310 mA	25 mA	377 mA	83%
	±15 VDC	±250 mA	25 mA	377 mA	83%
36-72 VDC	5 VDC	1500 mA	10 mA	195 mA	80%
	12 VDC	625 mA	10 mA	190 mA	82%
	15 VDC	500 mA	10 mA	190 mA	82%
	±5 VDC	±750 mA	15 mA	193 mA	81%
	±12 VDC	±310 mA	15 mA	188 mA	83%
	±15 VDC	±250 mA	15 mA	188 mA	83%

Notes

1. Nominal input voltage is 12 VDC for WR2XX models, 24 VDC for WR3XX models and 48 VDC for WR4XX models.
2. Input current is at nominal input voltage.
3. Part numbers in bold are standard stock models, others are build to order.

Mechanical Details



Dimensions in inches (mm).

PIN CONNECTIONS		
Pin	Single Output	Dual Output
2	- V Input	- V Input
3	- V Input	- V Input
9	N/C	Common
10	N/C	N/C
11	N/C	- V Output
14	+ V Output	+ V Output
15	N/C	N/C
16	- V Output	Common
22	+ V Input	+ V Input
23	+ V Input	+ V Input

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