1500 VDC Isolati

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Efficiency to 83

•

Input π Filter

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Fully Regulated Ou

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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	•	*±2.0% max*
Line Regulation	•	*±0.2% max, for 90% load change*
Load Regulation	•	*±0.5% max single output models,* *±1.0% max dual output models,* *for 75% load change*
Ripple & Noise	•	*100 mV peak to peak max* *(20 MHz bandwidth)*
Temperature Coefficient	•	*±0.05%/°C max*
Short Circuit Protection	•	*Continuous*

General

Switching Frequency	•	*200 kHz typical*
Efficiency	•	*See Table*
Isolation	•	*1500 VDC min in* *(1000 MΩ)*
Dimensions	•	*0.80" x 1.25" x 0*
Weight	•	*18 g*

Environmental

Operating Temperature	•	*-25 °C to +71 °C*
Case Temperature	•	*+100 °C max*
Storage Temperature	•	*-40 °C to +100 °*

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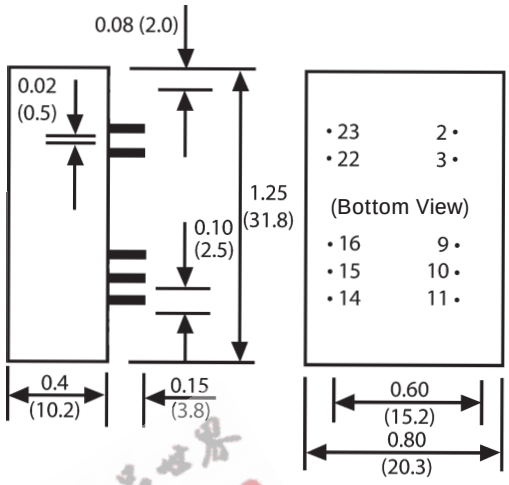
18-36 VDC	15 VDC	500 mA	20 mA	381 mA	82%
	±5 VDC	±750 mA	25 mA	386 mA	81%
	±12 VDC	±310 mA	25 mA	377 mA	83%
	±15 VDC	±250 mA	25 mA	377 mA	83%
36-72 VDC	5 VDC	1500 mA	10 mA	195 mA	80%
	12 VDC	625 mA	10 mA	190 mA	82%
	15 VDC	500 mA	10 mA	190 mA	82%
	±5 VDC	±750 mA	15 mA	193 mA	81%
	±12 VDC	±310 mA	15 mA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