

VSW030 SERIES 3W WIDE I/P RANGE



FEATURES

- SINGLE IN LINE PACKAGE
- UP TO 3W REGULATED OUTPUT POWER
- NO EXTERNAL COMPONENTS REQUIRED
- INTERNAL FILTERING
- 100% BURN IN
- UL 94V-0 PACKAGE MATERIAL
- 3 YEARS WARRANTY



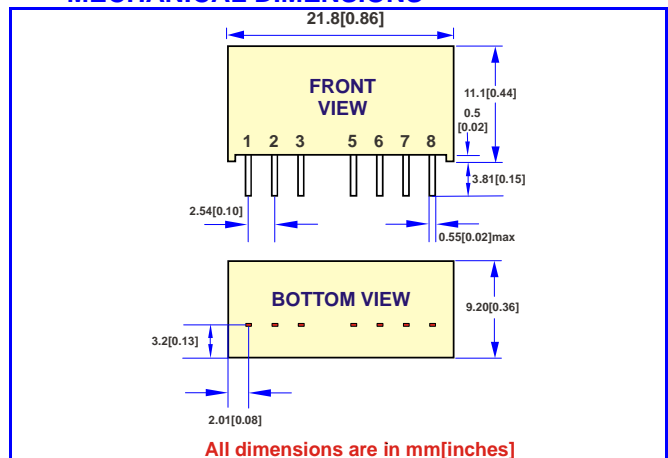
OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy	+/-2% max	Input Voltage Range	2:1 Input Range	Efficiency	72%min
Temperature Coefficient	+/-0.05%/°C	Input Filter	Capacitor	Isolation Voltage	1500 VDC min
Ripple & Noise(20MHz BW)	100mVp-p max	ENVIRONMENTAL SPECIFICATIONS		Isolation Resistance	10 ⁹ ohms min
Line Regulation	+/-0.5% max	Operating Temperature	-40°C to +71°C	Isolation Capacitance	80pF max
Load Regulation	+/-0.5% max	Storage Temperature	-55°C to +105°C	Switching Frequency	100KHz min
Minimum Load	20% of Full Load	Humidity	95% max	MTBF	>900,000 Hours
Short Circuit Protection	Continuous	Cooling	Free-Air Convection	Case Material	Non-Conductive Plastic
Short Circuit Restart	Automatic	Over Load Protection	150% typ.	Potting Material	Epoxy(UL94V-0)

● 3W OUTPUT

MODEL NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	ISOLATION (VDC)
		VOLT. (VDC)	CURRENT (mA)		
VSW023-05S3.3	4.5-9	3.3	700	72	1500
VSW030-05S05	4.5-9	5	600	75	1500
VSW030-05S09	4.5-9	9	333	77	1500
VSW030-05S12	4.5-9	12	250	77	1500
VSW030-05S15	4.5-9	15	200	77	1500
VSW030-05D05	4.5-9	+/-5	+/-300	76	1500
VSW030-05D12	4.5-9	+/-12	+/-125	77	1500
VSW030-05D15	4.5-9	+/-15	+/-100	75	1500
VSW023-12S3.3	9-18	3.3	700	73	1500
VSW030-12S05	9-18	5	600	74	1500
VSW030-12S09	9-18	9	333	78	1500
VSW030-12S12	9-18	12	250	78	1500
VSW030-12S15	9-18	15	200	81	1500
VSW030-12D05	9-18	+/-5	+/-300	77	1500
VSW030-12D12	9-18	+/-12	+/-125	78	1500
VSW030-12D15	9-18	+/-15	+/-100	78	1500
VSW030-24S05	18-36	5	600	77	1500
VSW030-24S09	18-36	9	333	79	1500
VSW030-24S12	18-36	12	250	79	1500
VSW030-24S15	18-36	15	200	81	1500
VSW030-24D05	18-36	+/-5	+/-300	77	1500
VSW030-24D12	18-36	+/-12	+/-125	79	1500
VSW030-24D15	18-36	+/-15	+/-100	79	1500

VSW023-48S3.3	36-75	3.3	700	73	1500
VSW030-48S05	36-75	5	600	77	1500
VSW030-48S09	36-75	9	333	78	1500
VSW030-48S12	36-75	12	250	79	1500
VSW030-48S15	36-75	15	200	82	1500
VSW030-48S24	36-75	24	125	79	1500
VSW030-48D05	36-75	+/-5	+/-300	77	1500
VSW030-48D12	36-75	+/-12	+/-125	79	1500
VSW030-48D15	36-75	+/-15	+/-100	79	1500

● MECHANICAL DIMENSIONS



	PIN 1	PIN 2	PIN 3	PIN 5	PIN 6	PIN 7	PIN 8
SINGLE	-Vin	+Vin	Remote	NC	+Vout	-Vout	NC
DUAL	-Vin	+Vin	On/Off	NC	+Vout	Com.	-Vout