

Regulated DC/DC Converter CW Series 1.5-3W

WIDE INPUT RANGE (1.3" x 1.3" x .40")

FEATURES:

- Pi Input Filter
- 2:1 Input Voltage Range
- Input/Output Isolation (2000 Vdc Min.)
- Short Circuit Protection
- Efficiency up to 75%

GENERAL

Efficiency (@FL).....62% - 75%
Isolation Voltage.....2000 Vdc Min.
Isolation Resistance.....10⁹ Ohms, Min.
Switching Frequency.....25 KHz Min.

SPECIFICATIONS:

INPUT

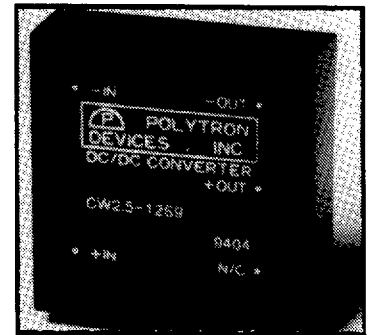
Voltage Range.....See Chart

OUTPUT

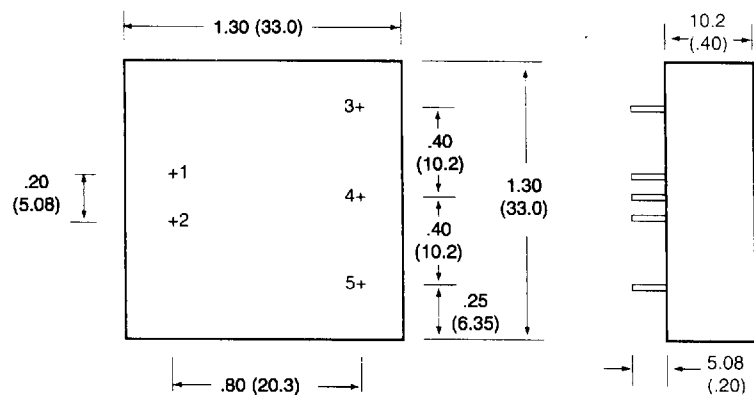
Voltage Accuracy.....± 3% Max
Line Regulation (AT FULL LOAD).....± 1% Max
Load Regulation (NL to FL).....± 1% Max
Ripple and Noise (20 MHz Bw)0.5% P-P Max
Short Circuit Protection.....Foldback
Temperature Coefficient (@FL).....± 0.05%/°C

ENVIRONMENTAL:

Operating Temperature Range.....-25°C to +71°C
Storage Temperature Range.....-55°C to +100°C
Cooling.....Free Air Convection
Dimensions.....1.3" x 1.3" x .40"



PIN	SINGLE
1.	+ INPUT
2.	- INPUT
3.	NO CONNECTION
4.	+ OUTPUT
5.	- OUTPUT



BOTTOM VIEW

All dimensions are in inches (mm)

INPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (mA)	INPUT CURRENT (mA)		MODEL NO.	CASE	PRICE (1-9 QTY)
			NO LOAD	FULL LOAD			
4.5-6.0	5	360	80	565	CW1.8-5S5	G1	\$29.00
4.5-6.0	12	200	85	750	CW2.5-5S12	G1	\$29.00
4.5-6.0	15	100	80	460	CW1.5-5S15	G1	\$29.00
9-18	5	360	45	230	CW1.8-12S5	G1	\$29.00
9-18	9	250	50	270	CW2.5-12S9	G1	\$29.00
9-18	12	200	50	300	CW2.5-12S12	G1	\$29.00
9-18	15	100	50	185	CW1.5-12S15	G1	\$29.00
18-36	5	360	25	106	CW1.8-24S5	G1	\$29.00
18-36	12	200	30	133	CW2.5-24S12	G1	\$29.00
18-36	15	100	30	85	CW1.5-24S15	G1	\$29.00
36-72	5	360	15	55	CW1.8-48S5	G1	\$29.00
36-72	12	200	15	73	CW2.5-48S12	G1	\$29.00
36-72	15	100	15	48	CW1.5-48S15	G1	\$29.00



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