

DC/DC Converters

Single-Inline Package

0.75 Watt

FEATURES:

- Miniature Single-Inline Package (SIP)
- High Efficiency
- 500 Vdc Input/Output Isolation (1000 Vdc Optional)
- Single & Dual Output
- Low Cost

SPECIFICATIONS:

INPUT:

Input Voltage Range

5 Vdc.....	4.5 to 5.5 Vdc
12 Vdc.....	10.8 to 13.2 Vdc
15 Vdc.....	13.5 to 16.5 Vdc
24 Vdc.....	21.6 to 26.4 Vdc

OUTPUT:

Voltage Accuracy.....	± 5%
Ripple and Noise, 20MHz BW.....	50mV P-P
Line Regulation.....	1% / 1% of Vin
Load Regulation.....	(5V) 10% (All other Models) 3%
Temperature Coefficient.....	0.1%/°C
Short Circuit Protection.....	1 Second Max.
Noise.....	75mV P-P Max, 50mV RMS Max

GENERAL:

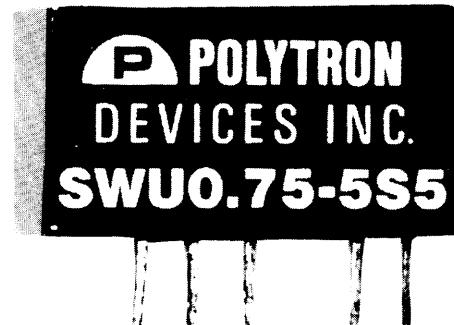
Switching Frequency.....	100KHz
Isolation Voltage.....	750 Vdc
Isolation Resistance.....	1000 MOhms

ENVIRONMENTAL:

Operating Temperature Range.....	-25° C to +71° C
Storage Temperature Range.....	-55° C to +105° C
Cooling.....	Free-Air Convection

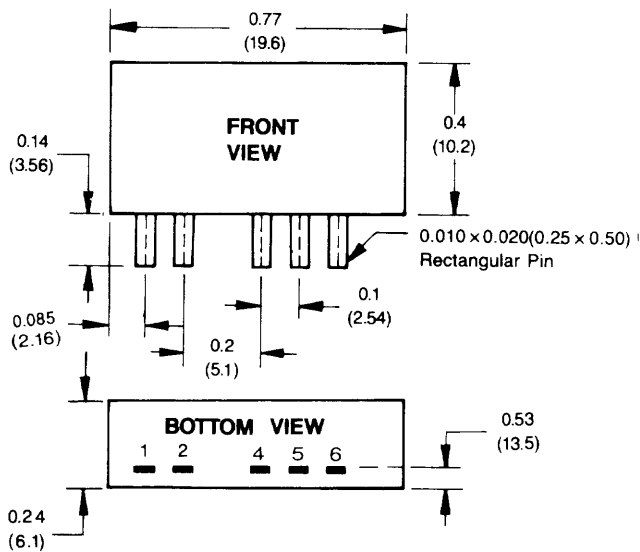
PHYSICAL:

Dimensions.....	0.77 x 0.24 x 0.4 Inches
Case Material.....	Non-Conductive Black Plastic



Unregulated 0.75 Watt DC/DC Converters

	INPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (mA)	EFF %	MODEL NUMBER	PRICE (1-9)
SINGLE OUTPUT VOLTAGE	4.5-5.5	5	150	69	SWU0.75-5S5	\$15.00
		12	62	74	SWU0.75-5S12	\$15.00
		15	50	75	SWU0.75-5S15	\$15.00
	10.8-13.2	5	150	69	SWU0.75-12S5	\$15.00
		12	62	77	SWU0.75-12S12	\$15.00
		15	50	78	SWU0.75-12S15	\$15.00
	13.5-16.5	5	150	69	SWU0.75-15S5	\$15.00
		12	62	77	SWU0.75-15S12	\$15.00
		15	56	78	SWU0.75-15S15	\$15.00
21.6-26.4	5	150	70	SWU0.75-24S5	\$15.00	
	12	62	75	SWU0.75-24S12	\$15.00	
	15	50	76	SWU0.75-24S15	\$15.00	
DUAL OUTPUT VOLTAGE	4.5-5.5	±5	±75mA	70	SWU0.75-5-5	\$18.00
		±12	±30mA	78	SWU0.75-5-12	\$18.00
		±15	±25mA	79	SWU0.75-5-15	\$18.00
	10.8-13.2	±5	±75mA	72	SWU0.75-12-5	\$18.00
		±12	±30mA	80	SWU0.75-12-12	\$18.00
		±15	±25mA	80	SWU0.75-12-15	\$18.00
	13.5-16.5	±5	±75mA	72	SWU0.75-15-5	\$18.00
		±12	±30mA	80	SWU0.75-15-12	\$18.00
		±15	±25mA	80	SWU0.75-15-15	\$18.00
	21.6-26.4	±5	±75mA	76	SWU0.75-24-5	\$18.00
		±12	±30mA	78	SWU0.75-24-12	\$18.00
		±15	±25mA	79	SWU0.75-24-15	\$18.00



Pin Connections		
Pin	Single	Dual
1	+Vin	+Vin
2	-Vin	-Vin
4	-Vout	-Vout
5	NC	Common
6	+Vout	+Vout

ALL DIMENSIONS IN INCHES(mm)