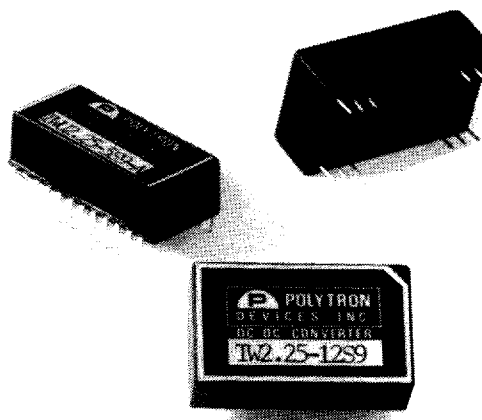


DC/DC CONVERTERS LOCAL AREA NETWORK 24 PIN DIP PACKAGE

\$5.95
OEM QTY.

FEATURES:

- IEEE 802.3 STANDARDS
- FCC CLASS B APPROVAL
- 78% EFFICIENCY
- SHORT CIRCUIT PROTECTION
- 24 PIN DIP PACKAGE
- 100% BURNED IN + TRIPLE TESTED



SPECIFICATIONS:

- Input Voltage Range: $\pm 10\%$
- Voltage Accuracy: $\pm 5\%$
- Ripple and Noise (20 MHz BW): 50mV P-P Max
- Line Regulation:
 - Regulated Models: $\pm 3\%$
- Load Regulation:
 - Regulated Models: $\pm 3\%$
 - Unregulated Models: (See Graph)
- Efficiency: Regulated Models: 65%
 - Unregulated Models: 78%
- Switching Frequency: 25 KHz Min
- Isolation Voltage: 500 VDC
- Isolation Resistance: 1000 Megohms
- Operating Temperature: -25°C to $+71^{\circ}\text{C}$
- Case Material: Non - Conductive Black Plastic
- Weight: 0.5 oz. (14.3 grams)
- Dimensions: 1.25" x 0.80" x 0.50"

SELECTION GUIDE

	INPUT VOLTAGE Vdc	OUTPUT VOLTAGE Vdc	OUTPUT CURRENT mA	EFF %	CASE STYLE	MODEL NUMBER
UNREGULATED	5	9	200	78	A	TWU1.8-5S9-A
	12	9	250	78	A	TWU2.25-12S9-A
REGULATED	5	9	250	65	A	TW2.25S9-A
	12	9	250	65	A	TW2.25-12S9-A
	5	9	250	65	B	TW2.25-5S9
	12	9	250	65	B	TW2.25-12S9



POLYTRON DEVICES, INC.

7247478 0000200 371

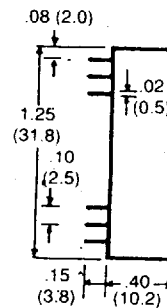
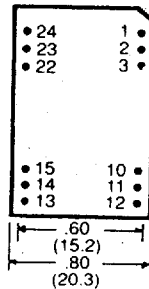
P.O. BOX 398, Paterson, NJ 07544 • Tel: (973) 345-5885 • FAX: (973) 345-1264

24 PIN DIP DC/DC CONVERTERS: CONTINUED

CASE B

Pin Connections		
PIN	SINGLE OUTPUT	DUAL OUTPUT
1	+V INPUT	+V INPUT
2	N.C.	-V OUTPUT
3	N.C.	COMMON
10	-V OUTPUT	COMMON
11	+V OUTPUT	+V OUTPUT
12	-V INPUT	-V INPUT
13	-V INPUT	-V INPUT
14	+V OUTPUT	+V OUTPUT
15	-V OUTPUT	COMMON
22	N.C.	COMMON
23	N.C.	-V OUTPUT
24	+V INPUT	+V INPUT

BOTTOM VIEW



ALL DIMENSIONS
IN INCHES (MM)

CASE A

TOP VIEW

