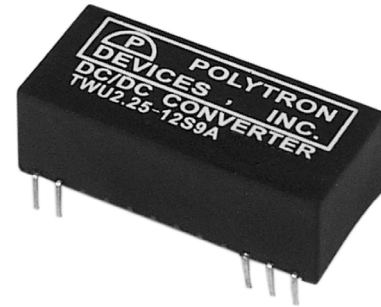




1.8 WATT SINGLE OUTPUT

Local Area Network 24-Pin DIP Package
DC/DC Converters



FEATURES

- IEEE 802.3 Standard
- FCC Class B Approval
- 78% Efficiency
- Short Circuit Protection
- 24 Pin DIP Package
- 100% Burn-in + Triple Tested

TWU1.8 Series

Specifications

All specifications are typical at nominal input, full load, and 25°C , unless otherwise noted.

INPUT

Voltages Range.....±10% (See Table)

OUTPUT

Voltage Accuracy.....±5%
 Line Regulation @ Full Load.....±10% max
 Load Regulation @ Full Load to 1/2 Load.....±10% max
 Ripple Noise (20MHz Bw).....50mVp-p max.

GENERAL

Efficiency.....78%
 Isolation Voltage.....500Vdc
 Isolation Resistance.....1000MOhms
 Switching Frequency.....25KHz min.

ENVIRONMENTAL

Operating Temperature Range.....-25° to +71°C
 Storage Temperature Range.....-40° to +100°C
 Cooling.....Free Air Convection

PHYSICAL

Case Material.....Non-Conductive Black Plastic
 Weight.....0.5 oz. (14.3 grams)
 Dimensions..... See Diagrams

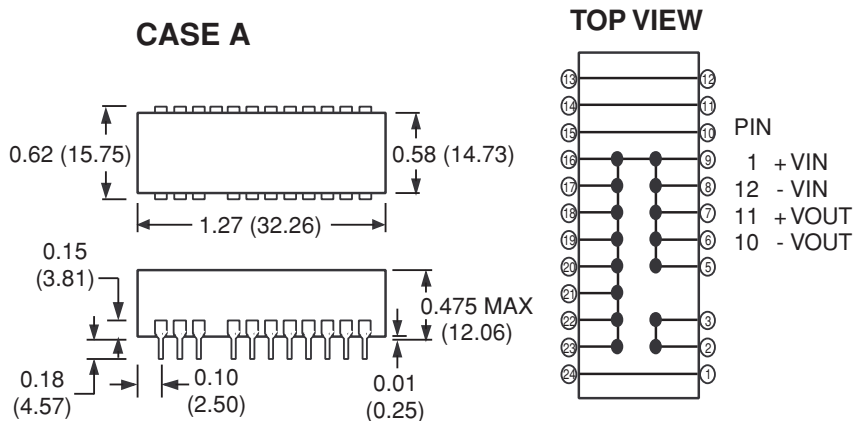
Selection Guide

(Continued)

UNREGULATED	Input Voltage Nominal (Vdc)	Output Voltage (Vdc)	Output Current (mA, Max)	Efficiency %	Case	Model Number
	5	9	200	78	A	TWU1.8-5S9-A
12	9	250	78	A	TWU2.25-12S9-A	

Mechanical Specifications

I/O Connections	
Pin	SINGLE
1	+Vin
10	-Vout
11	+Vout
12	-Vin



All Dimensions are in inches (mm)



POLYTRON DEVICES, Inc.

P.O. Box 398, Paterson, New Jersey 07544 U.S.A.
 Tel: (973)345-5885 Fax: (973)345-1264 • Email: sales@polytrondevices.com • www.polytrondevices.com