

Regulated DC/DC Converter 3Watt TWB3 Series

24 PIN DIP PACKAGE (1.25" x .80" x .50")

4:1 Input Range

SPECIFICATIONS:

Typical @ 25°C Under Full Load and Nominal Input Voltage Unless Otherwise Specified

INPUT

Input Voltage:9-36 Vdc
18-72 Vdc
 Input Filter:Pi Network

GENERAL

Efficiency (@ Full Load):65%
 Isolation Voltage:500 Vrms Min.
 Isolation Resistance:1000 Mohms
 Switching Frequency:50KHz Min.

OUTPUT

Voltage Accuracy:± 4% Max
 Line Regulation (@ Full Load :± 1% Max
 Load Regulation (@ Full Load to
 1/4 Load):+ Vdc ± 1% Max
- Vdc ± 2.5% Max
 Temperature Coefficient (@ Full Load): ...0.02%/°C Max
 Ripple and Noise (20 MHz BW):150 mVP-P Max
 Short Circuit Protection Fold Back

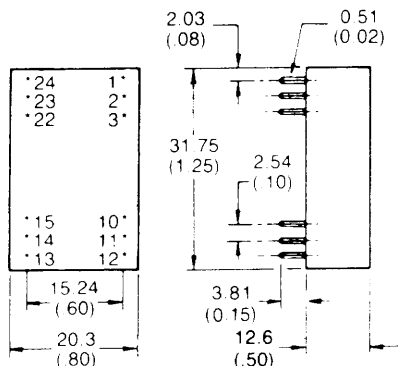
PHYSICAL

Operating Temperature:-20°C to +71°C
 Storage Temperature:-40°C to +105°C
 Derating:None
 Relative Humidity:Up to 95%
 Cooling:Free Air Convection
 Case Material:Non Conductive Plastic Case
 Weight:0.8 oz. (22 grams)

3W DC/DC CONVERTER

	INPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (mA)	MODEL NO.	CASE	PRICE 1-9 QTY.
SINGLE VOLTAGE	9-36	5	500	TWB3-24S5	B	\$49.00
		12	250	TWB3-24S12	B	\$49.00
		15	200	TWB3-24S15	B	\$49.00
	18-72	5	500	TWB3-48S5	B	\$49.00
		12	250	TWB3-48S12	B	\$49.00
		15	200	TWB3-48S15	B	\$49.00
DUAL VOLTAGE	9-36	±5	±250	TWB3-24-5	B	\$54.00
		±12	±125	TWB3-24-12	B	\$54.00
		±15	±100	TWB3-24-15	B	\$54.00
	18-72	±5	±250	TWB3-48-5	B	\$54.00
		±12	±125	TWB3-48-12	B	\$54.00
		±15	±100	TWB3-48-15	B	\$54.00

CASE B



PIN	SINGLE	DUAL
1 & 24	+ INPUT	+ INPUT
2 & 23	NO PIN	- OUTPUT
3 & 22	NO PIN	COMMON
10 & 15	- OUTPUT	COMMON
11 & 14	+ OUTPUT	+ OUTPUT
12 & 13	- INPUT	- INPUT