

**DC 100 SERIES**0.5-1 WATT SINGLE OUTPUT
DC-DC CONVERTERS**FEATURES**

- Ultra-Miniature Package
- Fully Regulated
- Low Output Ripple and Noise
- High Reliability
- Input/Output Isolation

INPUT SPECIFICATIONS

Input Voltage: 5, 12, 24V

Input Range: $\pm 10\%$

Input Filter: Capacitor

OUTPUT SPECIFICATIONS

Output Voltage: 5, 12, 15

Voltage Accuracy: $\pm 3\%$ Line Regulation: $\pm 1\%$ Load Regulation: $\pm 1\%$ Temperature Coefficient: $+ .05\% / ^\circ\text{C}$

Ripple and Noise: 1% pp

(20 MHz Bandwidth) See Note (1)

Short Circuit Protection: Short Term

GENERAL SPECIFICATIONS

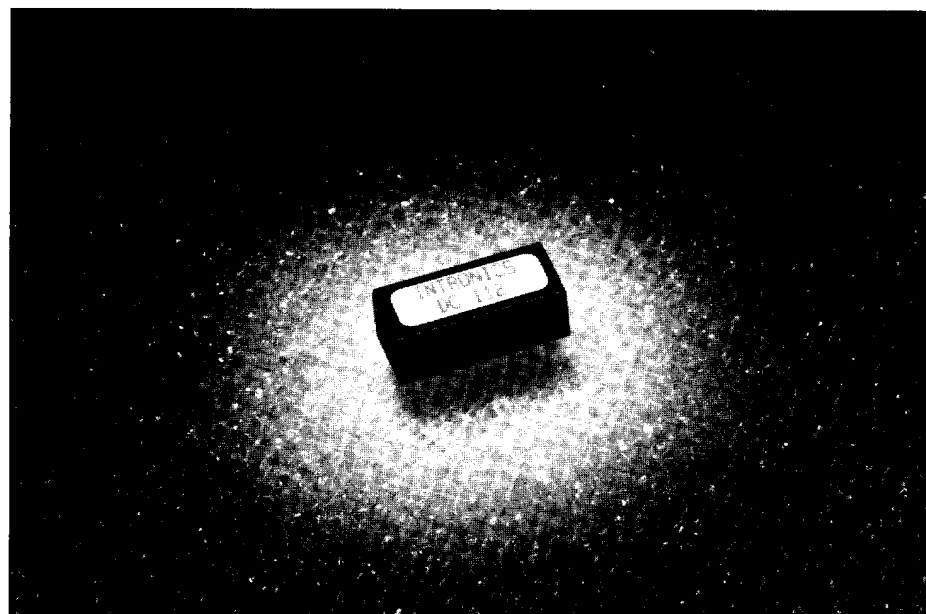
Efficiency: 50% to 75%

Isolation Voltage: 500 Vdc

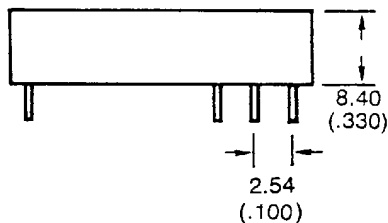
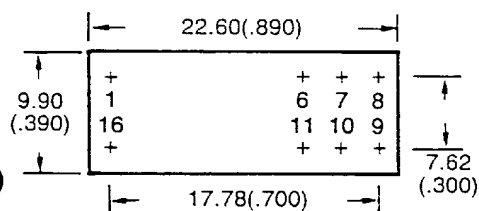
Operating Temperature: -25°C to 71°C Storage Temperature: -40°C to 100°C

Case Type: Non-Conductive Plastic

Size: .89" x .39" x .33"

Note (1): With a 10uf tantalum capacitor across output.

MODEL NUMBER		INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT
DC-101	SINGLE	5V	5V	100mA
DC-102		5V	12V	75mA
DC-103		5V	15V	60mA
DC-111		12V	5V	100mA
DC-112		12V	12V	75mA
DC-113		12V	15V	60mA
DC-121		24V	5V	100mA
DC-122		24V	12V	75mA
DC-123		24V	15V	60mA

DIMENSIONS: BOTTOM VIEW**PIN CONNECTIONS:**

PIN	SINGLE OUTPUT
1&16	+ INPUT
6&11	- OUTPUT
7&10	+ OUTPUT
8&9	- INPUT

CALL TOLL FREE 1-800-367-0004 FOR MORE INFORMATION.

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