



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 SPECIFICATIONS

Input Voltage: 5, 12, 15

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: $\pm 0.05\%/^{\circ}\text{C}$

Ripple and Noise: 1% pp
(20 MHz Bandwidth)

Short Circuit Protection: Short Term

GENERAL SPECIFICATIONS

Efficiency: 50% to 75%

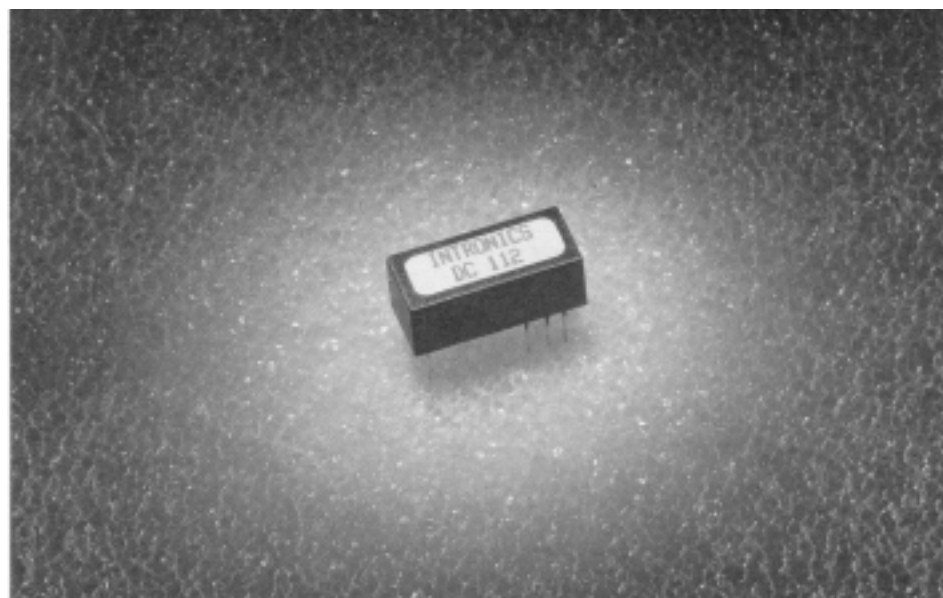
Isolation Voltage: 500 Vdc

Operating Temperature: -25°C to 71°C

Storage Temperature: -40°C to 100°C

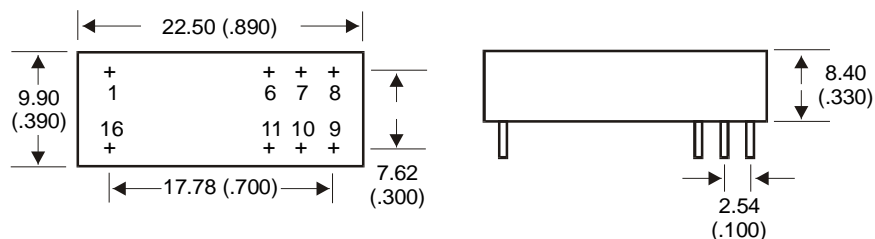
Case Type: Non-Conductive Plastic

Note (1): With a 10 μF 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