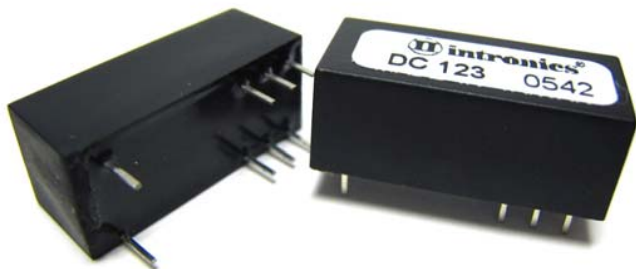




DC 100 SERIES

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: $+ .05\%/C$
Ripple and Noise: 1% pp
(20 MHz Bandwidth) See Note (1)
Short Circuit Protection: Short Term

MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT
DC-101	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

GENERAL SPECIFICATIONS

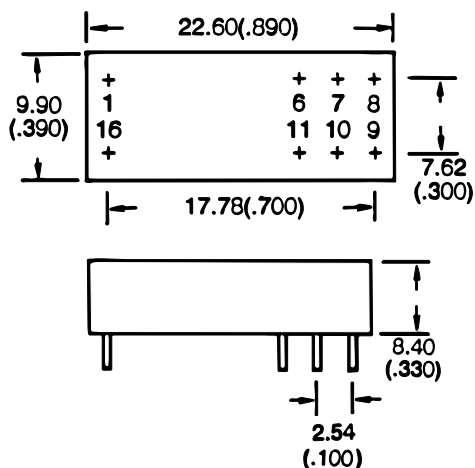
Efficiency: 50% to 75%
Isolation Voltage: 500 Vdc
Operating Temperature: $-25^{\circ}C$ to $71^{\circ}C$
Storage Temperature: $-40^{\circ}C$ to $100^{\circ}C$
Case Type: Non-Conductive Plastic
Size: .89" x .39" x .33"

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

PIN CONNECTIONS:

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

DIMENSIONS: BOTTOM VIEW



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

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