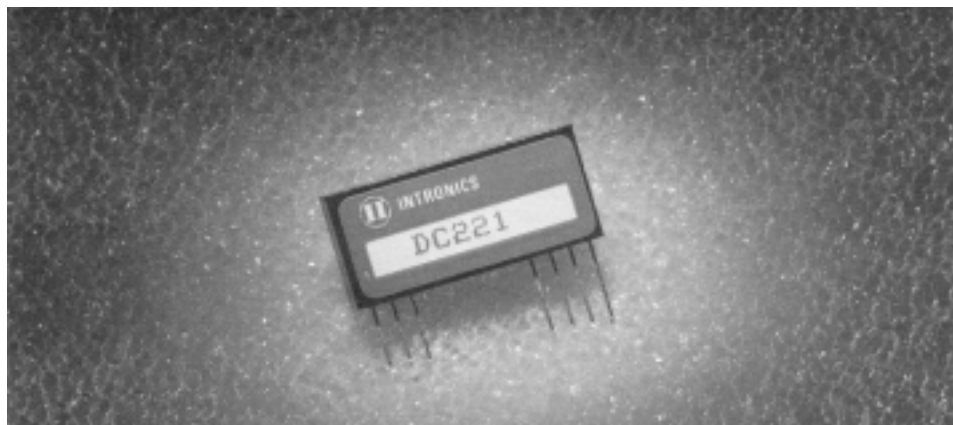




DC 200 SERIES

1 WATT SINGLE AND DUAL OUTPUT
DC-DC CONVERTERS



FEATURES

- 7 Pin SIP Package
- Fully Regulated
- Low Output Ripple and Noise
- High Reliability
- Input/Output Isolation

INPUT SPECIFICATIONS

Input Voltage: 5,12,15

Input Range: 10%

Input Filter: Capacitor

OUTPUT SPECIFICATIONS

Output Voltage: 5, 9, 12, 15, ± 12 , ± 15

Voltage Accuracy: $\pm 3\%$

Line Regulation: $\pm 1\%$

Load Regulation: $\pm 1\%$

Temperature Coefficient: $\pm 0.02\%/^{\circ}\text{C}$

Ripple and Noise: 1% pp
(20 MHz Bandwidth) See note (2)

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 105°C

Case Type: Non-Conductive Plastic

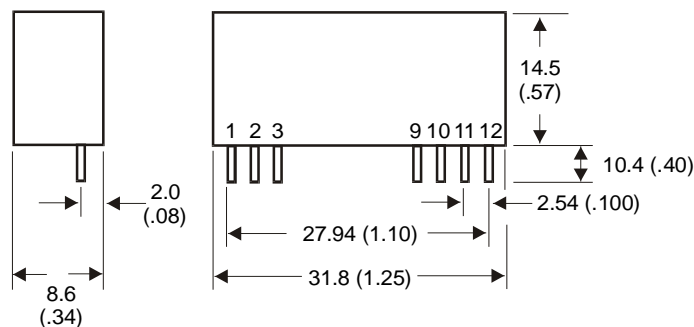
Size: 1.25" x .34" x .57"

MODEL NUMBER		INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT
DC-201	SINGLE	5V	5V	520mA
DC-202		5V	12V	125mA
DC-203		5V	15V	100mA
DC-211		12V	5V	200mA
DC-212		12V	12V	125mA
DC-213		12V	15V	100mA
DC-221		24V	5V	200mA
DC-222		24V	12V	125mA
DC-223		24V	15V	100mA
DC-208	DUAL	5V	$\pm 5\text{V}$	$\pm 60\text{mA}$
DC-209		5V	$\pm 15\text{V}$	$\pm 50\text{mA}$
DC-218		12V	$\pm 12\text{V}$	$\pm 60\text{mA}$
DC-219		12V	$\pm 15\text{V}$	$\pm 50\text{mA}$
DC-228		24V	$\pm 12\text{V}$	$\pm 60\text{mA}$
DC-229		24V	$\pm 15\text{V}$	$\pm 50\text{mA}$
DC-206	LAN	5V	9V Note (1)	200mA
DC-216		12V	9V Note (1)	200mA

Note (1): 9 volt output units are unregulated.

Note (2): With A 10 μF tantalum capacitor across each output.

DIMENSIONS:



PIN CONNECTIONS:

PIN	SINGLE	DUAL
1	+ INPUT	+ INPUT
2	NC	- OUTPUT
3	NC	COMMON
9	NC	COMMON
10	- OUTPUT	COMMON
11	+ OUTPUT	+ OUTPUT
12	- INPUT	- INPUT

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

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