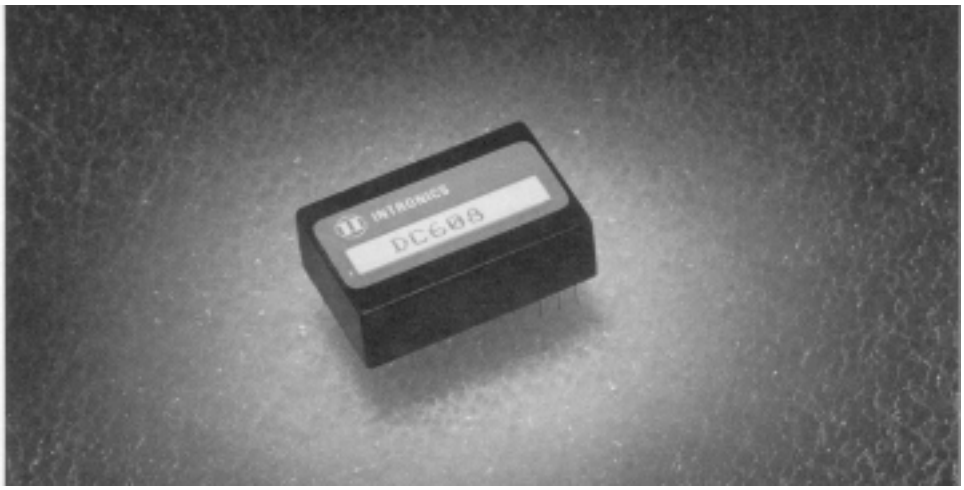
Intronics

DC 600 SERIES

3.0 WATT SINGLE AND DUAL OUTPUT DC-DC CONVERTERS



FEATURES

- **Full 2:1 Range for Battery and Telecommunication Applications**
- **Low Profile 12 Pin DIP Package**
- **Short Circuit Protected**
- **Fully Regulated**
- **Low Output Ripple and Noise**
- **High Reliability**
- **Input/Output Isolation**

MODEL NUMBER		INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT
DC-601	SINGLE	4.5V – 6V	5V	500mA
DC-602		4.5V – 6V	12V	250mA
DC-603		4.5V – 6V	15V	200mA
DC-611		9V – 18V	5V	500mA
DC-612		9V – 18V	12V	250mA
DC-613		9V – 18V	15V	200mA
DC-621		18V – 36V	5V	500mA
DC-622		18V – 36V	12V	250mA
DC-623		18V – 36V	15V	200mA
DC-631		36V – 72V	5V	500mA
DC-632		36V – 72V	12V	250mA
DC-633		36V – 72V	15V	200mA
DC-617	DUAL	9V – 18V	±5V	±250mA
DC-618		9V – 18V	±12V	±125mA
DC-618		9V – 18V	±15V	±100mA
DC-627		18V – 36V	±5V	±250mA
DC-628		18V – 36V	±12V	±125mA
DC-629		18V – 36V	±15V	±100mA
DC-637		36V – 72V	±5V	±250mA
DC-638		36V – 72V	±12V	±125mA
DC-639		36V – 72V	±15V	±100mA

INPUT SPECIFICATIONS

Input Voltage: 5, 12, 15, ±5, ±12, ±15

Input Range: 2:1

Input Filter: LC

OUTPUT SPECIFICATIONS

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

Voltage Accuracy: ±3%

Line Regulation: ±1%

Load Regulation: ±1%

Temperature Coefficient: ±.05%/°C

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

Short Circuit Protection: Foldback

GENERAL SPECIFICATIONS

Efficiency: 60% to 75%

Isolation Voltage: 500 Vdc

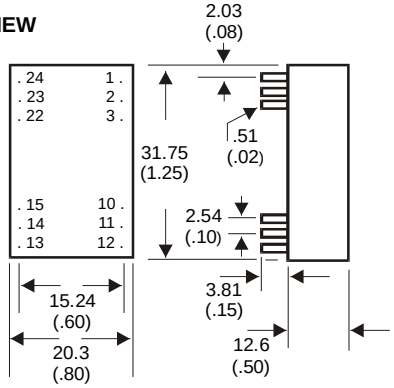
Operating Temperature: -25°C to 71°C

Storage Temperature: -40°C to 105°C

Case Type: Non-Conductive Plastic

Size: 1.25” x .8” x .5”

DIMMENSIONS: BOTTOM VIEW



PIN CONNECTIONS:

PIN	SINGLE	DUAL
1 & 24	+ INPUT	+ INPUT
2 & 23	NC	- OUTPUT
3 & 22	NC	COMMON
10 & 15	- OUTPUT	COMMON
11 & 14	+ OUTPUT	+ OUTPUT
12 & 13	- INPUT	- INPUT

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

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