

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

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: $\pm 3\%$

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: Foldback

GENERAL SPECIFICATIONS

Efficiency: 60% to 75%

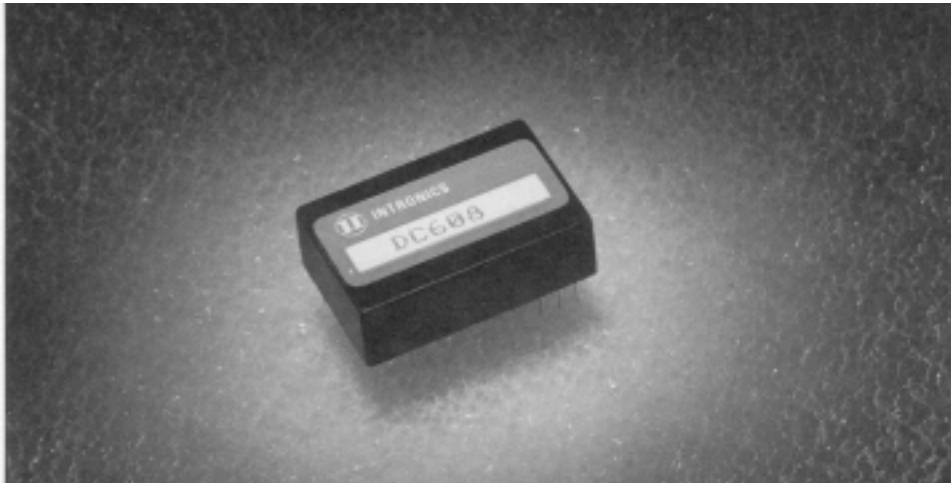
Isolation Voltage: 500 Vdc

Operating Temperature: -25°C to 71°C

Storage Temperature: -40°C to 105°C

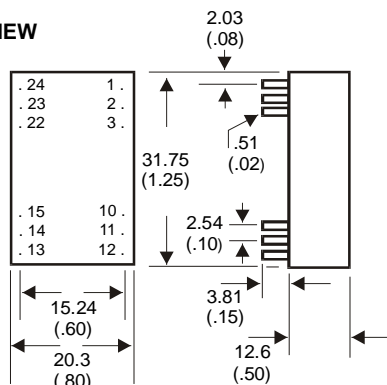
Case Type: Non-Conductive Plastic

Size: 1.25" x .8" x .5"



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	$\pm 5\text{V}$
DC-618	9V – 18V		$\pm 12\text{V}$	$\pm 125\text{mA}$
DC-618	9V – 18V		$\pm 15\text{V}$	$\pm 100\text{mA}$
DC-627	18V – 36V		$\pm 5\text{V}$	$\pm 250\text{mA}$
DC-628	18V – 36V		$\pm 12\text{V}$	$\pm 125\text{mA}$
DC-629	18V – 36V		$\pm 15\text{V}$	$\pm 100\text{mA}$
DC-637	36V – 72V		$\pm 5\text{V}$	$\pm 250\text{mA}$
DC-638	36V – 72V		$\pm 12\text{V}$	$\pm 125\text{mA}$
DC-639	36V – 72V		$\pm 15\text{V}$	$\pm 100\text{mA}$

DIMENSIONS: 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