



DC 900 SERIES

7.5 WATT SINGLE OUTPUT
DC-DC CONVERTERS

FEATURES

- 2:1 Range for Battery and Telecommunication Applications
- High Efficiency
- Low Profile Case
- Fully Regulated and Isolated
- Overvoltage Protection
- Continuous Short Circuit Protection
- Six-sided Shielding

INPUT SPECIFICATIONS

Input Voltage: 12, 24, 48V

Input Range: 2:1

Input Filter: LC

OUTPUT SPECIFICATIONS

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

Voltage Accuracy: $\pm 1\%$

Line Regulation: $\pm 0.5\%$

(Full Load)

Load Regulation: $\pm 0.5\%$

(Full Load to $\frac{1}{4}$ Load)

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

Ripple and Noise: 1% pp

(20 MHz Bandwidth) See Note (1)

Short Circuit Protection: Foldback

Overvoltage Protection: Clamp

GENERAL SPECIFICATIONS

Efficiency: 75% to 86%

Isolation Voltage: 500 Vdc

Operating Temperature: -25°C to 71°C

Storage Temperature: -40°C to 105°C

Case Type: Six-sided Continuous

Metal Case with

Non-Conductive Plastic

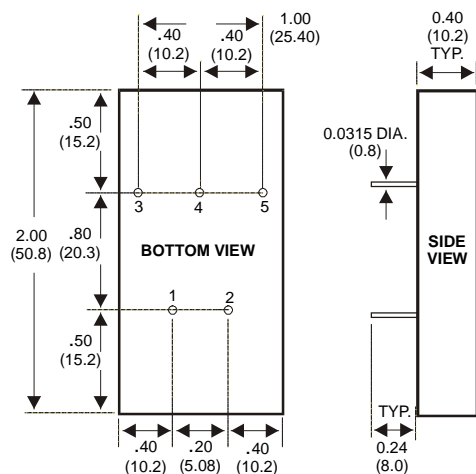
Size: 2" x 1" x .4"

Note (1): With 10 μF tantalum capacitor across output.



MODEL NUMBER		INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT
DC-911	SINGLE	9.5V – 18V	5V	1500mA
DC-912		9.5V – 18V	12V	625mA
DC-913		9.5V – 18V	15V	500mA
DC-921		18V – 36V	5V	1500mA
DC-922		18V – 36V	12V	625mA
DC-923		18V – 36V	15V	500mA
DC-931		36V – 72V	5V	1500mA
DC-932		36V – 72V	12V	625mA
DC-933		36V – 72V	15V	500mA

DIMENSIONS:



PIN CONNECTIONS:

PIN	SINGLE
1	+ INPUT
2	- INPUT
3	+ OUTPUT
4	NC
5	- OUTPUT

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

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