



### L9 Series

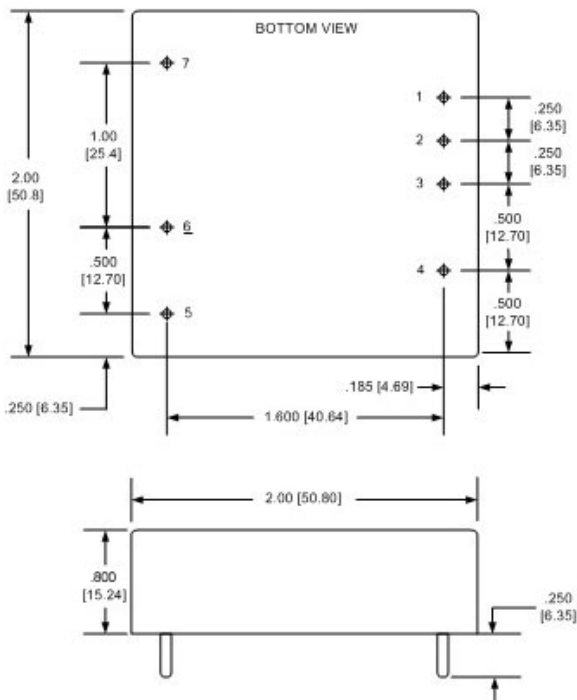
**Single output REGULATED 15 Watt converters.**

**Multiple inputs and outputs from 100 VDC to 300 VDC**

The L9 series of DC to DC converters are PC mountable with a 2" x 2" X .80H footprint. They have low to full line regulation of .7% maximum swing. Load regulation is also only .7% for 10% to 100% load change. It is six sided shielded metal case and fully encapsulated. This allows for excellent for EMI/RFI consideration and is completely isolated with logic control pin.

MODEL	VOLTS OUT	VOLTS IN	CURRENT
L9S1210	100	12VDC	90ma
L9S2410	100	24VDC	90ma
L9S4810	100	48VDC	90ma
L9S1220	200	12VDC	50ma
L9S2420	200	24VDC	50ma
L9S4820	200	48VDC	50ma
L9S1230	300	12VDC	30ma
L9S2430	300	24VDC	30ma
L9S4830	300	48VDC	30ma

### Mechanical Drawing



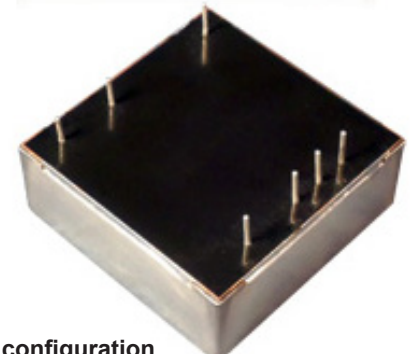
### APPLICATIONS

Plasma Displays  
High Voltage Bias  
Scientific Apparatus  
Custom Requirements

Pin #	Function
1	- V <sub>in</sub>
2	- TTL
3	+ TTL
4	+ V <sub>in</sub>
5	+ V <sub>out</sub>
6	- V <sub>out</sub>
7	Shield

### FEATURES

Efficiency 87%  
Compact Size  
Six Sided Shielding  
Up to 15 Watts  
Logic Shutdown  
Input L/C Filter  
Low Cost



L9 pin configuration

### ELECTRICAL SPECIFICATIONS

**Input Voltage:** See table  
**Input Current:** See table  
**Output Current:** See Table  
**Short Circuit Protected:** Continuous  
**Output Ripple:** .01 % P-P  
**Regulation:** Proportional to input  
**Isolation:** 1000 VDC  
**Frequency Operating:** 100Khz  
**Input Filter:** L/C  
**Logic Shutdown:** 5V TTL  
**Operating Temperature:** ( 0 to +71 degrees C)  
**Storage Temperature:** (- 40 to + 85 degrees C )

### MECHANICAL SPECIFICATIONS

**Size:** 2.0 X 2.0 X .80 H  
**Weight:** 95 grams  
**Packaging:** Encapsulation  
**Case:** Metal  
**Plated PCB Pins:** PC Pins