



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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ASA Series

6 Watts

Total Power: 6 Watts
Input Voltage: 12V, 24V or 48V
of Outputs: Single, Dual

Special Features

- Encapsulated
- Wide 4:1 input range
- 1.25" X 0.8" DIP package
- 1500Vdc I/O isolation
- Single and Dual output



Electrical Specifications

Input	
Input range	9 to 36 VDC; 18 to 75 VDC
Efficiency ²	81%@5Vo
Output	
Voltage tolerance	±2.0%
Line regulation	±0.5%
Load regulation	Single output: 1% @ 3.3Vo Other: ± 0.5% Dual output: ± 3.0%
Noise/ripple	3.3Vo, 5Vo: 100mV 12Vo: 120mV 15Vo: 150mV
Short circuit protection	Auto-restart
Switching frequency	250KHz
Temperature coefficient	±0.02 /°C
Isolation	
I/O isolation	1500 VDC min.
Insulation resistance	10Mohm
Insulation capacitance	1000pF

Environmental Specifications

Operating ambient temperature range	-40°C to +71°C (no derating)
Storage temperature	-55°C to +105°C
Humidity	5% to 95% (non-condensing)
MTBF	1 Mhrs demonstrated MTBF
RoHS Compliant	

Safety

CE Mark

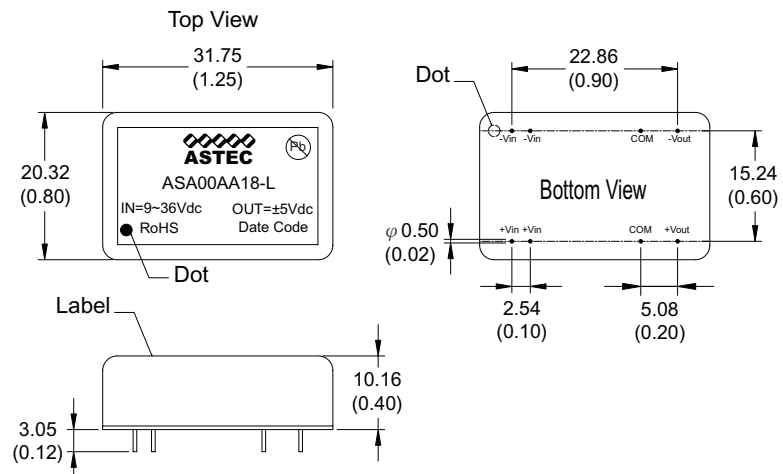
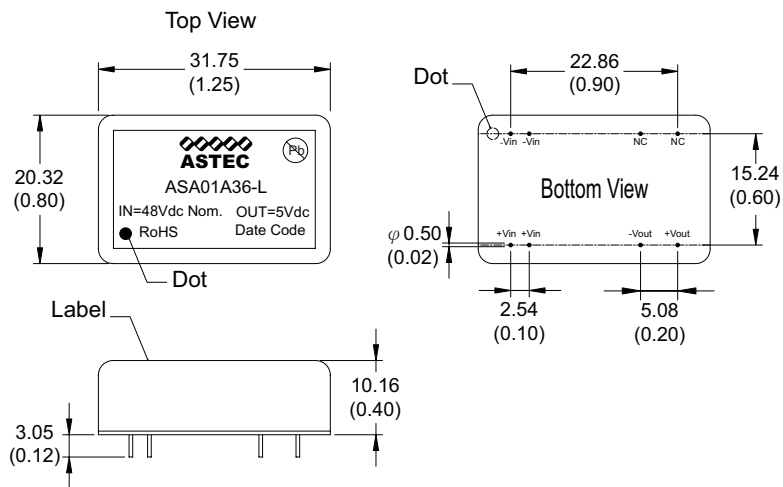


Ordering Information

Input Voltage	Output 1 Voltage	Output 2 Voltage	Maximum Power	Model Number
9-3 6V	3.3V @ 1.2A		3.96W	ASA01F18-L
9-3 6V	5V @ 1.00A		5W	ASA01A18-L
9-3 6V	12V @ 0.50A		6W	ASA00B18-L
9-3 6V	15V @ 0.40A		6W	ASA00C18-L
9-3 6V	5V @ 0.50A	-5V @ 0.5A	5W	ASA00AA18-L
9-3 6V	12V @ 0.25A	-12V @ 0.25A	6W	ASA00BB18-L
9-3 6V	15V @ 0.20A	-15V @ 0.20A	6W	ASA00CC18-L
18 - 75V	3.3V @ 1.2A		3.96W	ASA01F36-L
18 - 75V	5V @ 1.00A		5W	ASA01A36-L
18 - 75V	12V @ 0.50A		6W	ASA00B36-L
18 - 75V	15V @ 0.40A		6W	ASA00C36-L
18 - 75V	5V @ 0.50A	-5V @ 0.5A	5W	ASA00AA36-L
18 - 75V	12V @ 0.25A	-12V @ 0.25A	6W	ASA00BB36-L
18 - 75V	15V @ 0.20A	-15V @ 0.20A	6W	ASA00CC36-L

Please contact Astec for information on other output voltages, power ranges and configurations. Available in RoHS 6 version only.

Mechanical Drawing



Notes:

1. All specifications subject to change without notice. Mechanical drawings are for reference only.
2. Warranty: 1 yr
3. Label and logo appearance may vary from what is shown on mechanical drawings.

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