



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## ASA Series

10 Watts

Total Power: 10 Watts  
Input Voltage: 24V or 48V  
# of Outputs: Single



## Special Features

- Encapsulated
- 2:1 input range
- 1.25" X 0.8" DIP package
- 1500Vdc I/O isolation
- Single output

## Electrical Specifications

Input	
Input range	18 to 36 VDC; 36 to 75 VDC
Efficiency <sup>2</sup>	83%@12Vo
Output	
Voltage tolerance	±2.0%
Line regulation	±0.8%
Load regulation	±1.2%
Noise/ripple	100mV for 2.5Vo, 3.3Vo and 5.0Vo 120mV for 12Vo
Short circuit protection	Auto-restart
Switching frequency	350KHz
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 +60°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
18 - 36 V	2.5 V @ 3 A		7.5 W	ASA03G24-L
18 - 36 V	3.3 V @ 3 A		10 W	ASA03F24-L
18 - 36 V	5 V @ 2 A		10 W	ASA02A24-L
18 - 36 V	12 V @ 0.835 A		10 W	ASA00B24-L
36 - 75 V	2.5 V @ 3 A		7.5 W	ASA03G48-L
36 - 75 V	3.3 V @ 3 A		10 W	ASA03F48-L
36 - 75 V	5 V @ 2 A		10 W	ASA02A48-L
36 - 75 V	12 V @ 0.835 A		10 W	ASA00B48-L

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

## Americas

5810 Van Allen Way  
Carlsbad, CA 92008  
USA  
Telephone: +1 (760) 930 4600  
Facsimile: +1 (760) 930 0698

## Europe (UK)

Waterfront Business Park  
Merry Hill, Dudley  
West Midlands, DY5 1LX  
United Kingdom  
Telephone: +44 (0) 1384 842 211  
Facsimile: +44 (0) 1384 843 355

## Asia (HK)

14/F, Lu Plaza  
2 Wing Yip Street  
Kwun Tong, Kowloon  
Hong Kong  
Telephone: +852 2176 3333  
Facsimile: +852 2176 3888

For global contact, visit:

[www.powerconversion.com](http://www.powerconversion.com)  
[techsupport.embeddedpower@emerson.com](mailto:techsupport.embeddedpower@emerson.com)

While every precaution has been taken to ensure accuracy and completeness in this literature, Emerson Network Power assumes no responsibility, and disclaims all liability for damages resulting from use of this information or for any errors or omissions.

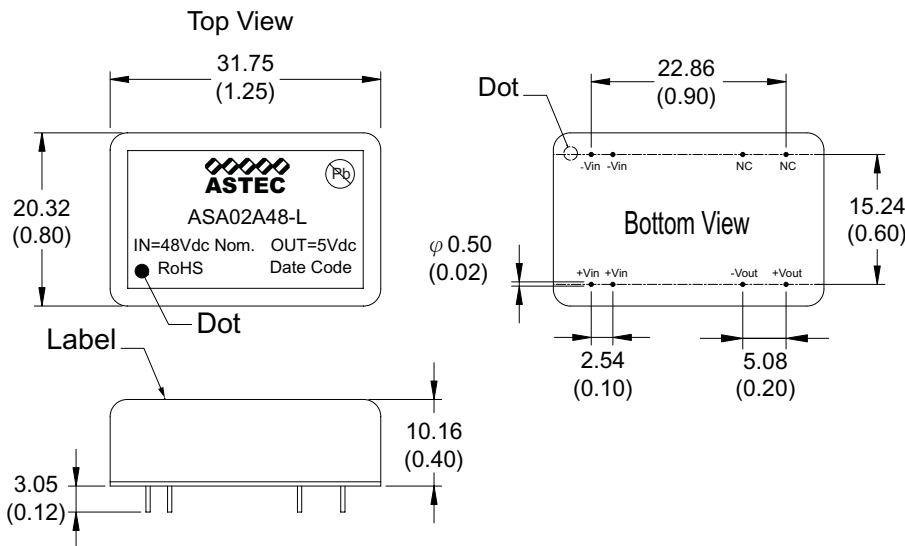
**Emerson Network Power.**  
The global leader in enabling  
business-critical continuity.

- AC Power
- Connectivity
- DC Power
- Embedded Computing
- Embedded Power**
- Monitoring
- Outside Plant
- Power Switching & Controls
- Precision Cooling
- Racks & Integrated Cabinets
- Services
- Surge Protection

**EmersonNetworkPower.com**

Emerson Network Power and the Emerson Network Power logo are trademarks and service marks of Emerson Electric Co.  
©2008 Emerson Electric Co.

## Mechanical Drawing



## Notes:

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