



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

10 Watts

Data Sheet

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

SPECIAL FEATURES

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

SAFETY

- UL 60950-1
- CE Mark



Electrical Specifications

Input	
Input range:	18 to 36 VDC; 36 to 75 VDC
Efficiency:	83% @ 12 Vo
Output	
Voltage tolerance:	±2.0%
Line regulation:	±0.8%
Load regulation:	±1.2%
Noise/ripple:	100 mV for 2.5 Vo, 3.3 Vo and 5.0 Vo 120 mV for 12 Vo
Short circuit protection:	Auto-restart
Switching frequency:	350 KHz
Temperature coefficient:	±0.02 /°C
Isolation	
I/O isolation	1500 VDC min.
Insulation resistance:	10 Mohm
Insulation capacitance:	1000 pF

Environmental Specifications

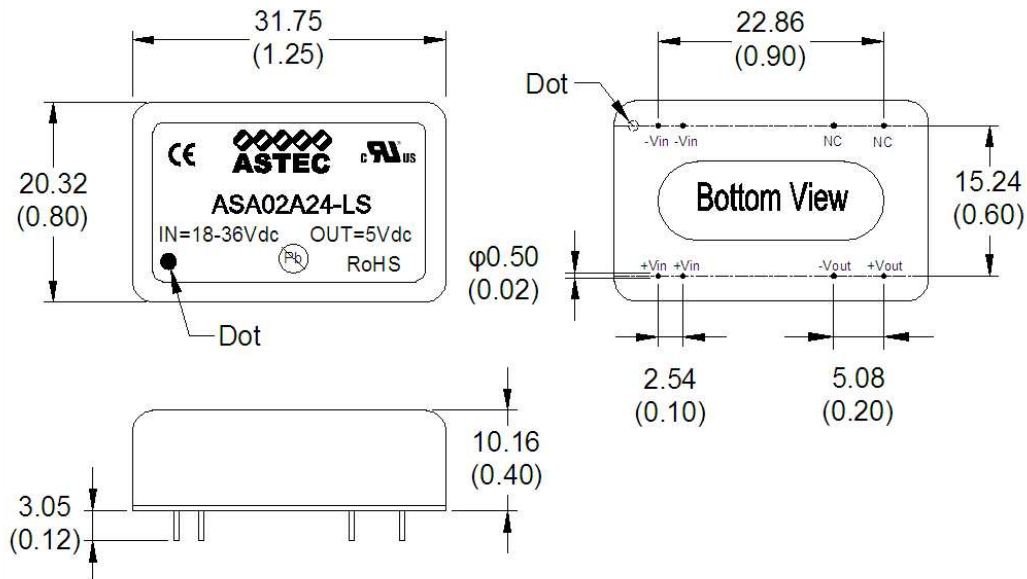
Operating ambient temperature range:	-40°C to +60°C (no derating)
Storage temperature:	-55 °C to +105 °C
Humidity:	5% to 95% (non-condensing)
MTBF:	1 Mhrs demonstrated MTBF
RoHS Compliant	

Ordering Information

Model Number	Input Voltage	Output 1 Voltage	Output 2 Voltage	Maximum Power
ASA03G24-LS	18 - 36 V	2.5 V @ 3 A		7.5 W
ASA03F24-LS	18 - 36 V	3.3 V @ 3 A		10 W
ASA02A24-LS	18 - 36 V	5.0 V @ 2 A		10 W
ASA00B24-LS	18 - 36 V	12 V @ 0.835 A		10 W
ASA03G48-LS	36 - 75 V	2.5 V @ 3 A		7.5 W
ASA03F48-LS	36 - 75 V	3.3 V @ 3 A		10 W
ASA02A48-LS	36 - 75 V	5.0 V @ 2 A		10 W
ASA00B48-LS	36 - 75 V	12 V @ 0.835 A		10 W

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

Mechanical Drawings



Notes:

1. All specifications are 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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