

Embedded Power for
Business-Critical Continuity

ASA Series

10 Watts

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



Rev. 03.03.06
ASA 10W Series
1 of 2

Electrical Specifications

Input

Input range 18 to 36 VDC; 36 to 75 VDC
Efficiency² 83%@12Vo

Output

Voltage tolerance $\pm 2.0\%$
Line regulation $\pm 0.8\%$
Load regulation $\pm 1.2\%$
Noise/ripple 100mV for 2.5Vo,
3.3Vo and
5.0Vo
120mV for 12Vo

Short circuit protection Auto-restart
Switching frequency 350KHz
Temperature coefficient $\pm 0.02 / ^\circ\text{C}$

Isolation

I/O isolation 1500 VDC min.
Insulation resistance 10Mohm
Insulation capacitance 1000pF

Special Features

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

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 - 75V	2.5V @ 3A		7.5W	ASA03G24-L
18 - 75V	3.3V @ 3A		10W	ASA03F24-L
18 - 75V	5V @ 2A		10W	ASA02A24-L
18 - 75V	12V @ 0.835A		10W	ASA00B24-L
36 - 75V	2.5V @ 3A		7.5W	ASA03G48-L
36 - 75V	3.3V @ 3A		10W	ASA03F48-L
36 - 75V	5V @ 2A		10W	ASA02A48-L
36 - 75V	12V @ 0.835A		10W	ASA00B48-L

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

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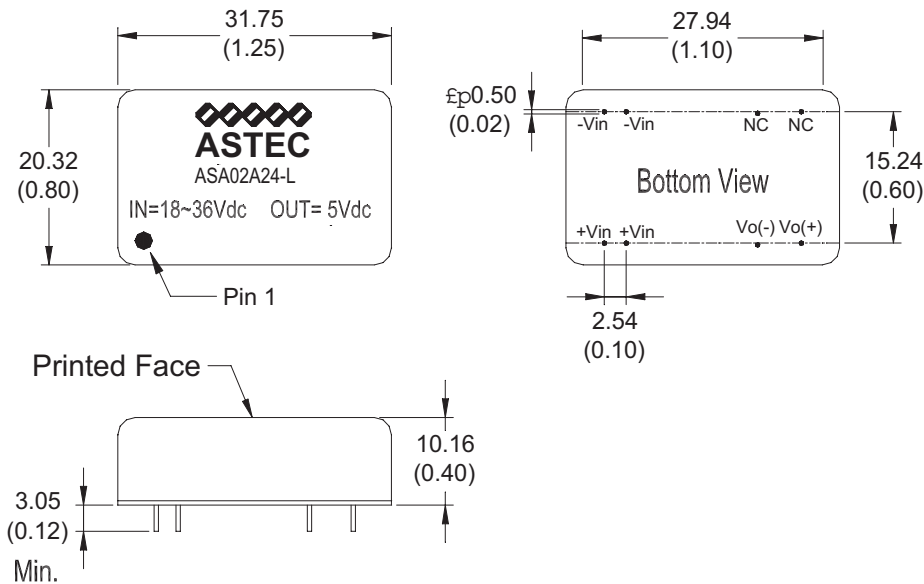
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Mechanical Drawing



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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The global leader in enabling
business-critical continuity.

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- DC Power
- Embedded Power**
- Inbound Power
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