

AEE Series

15 Watts

Data Sheet

Total Power: 15 Watts
Input Voltage: 12 V, 24 V or 48 V
of Outputs: Single, Dual

SPECIAL FEATURES

- Encapsulated
- 4:1 input range
- 1" x 2" package
- 1500 Vdc I/O isolation
- Single and Dual output

SAFETY

- UL 60950-1
- CE Mark



Electrical Specifications

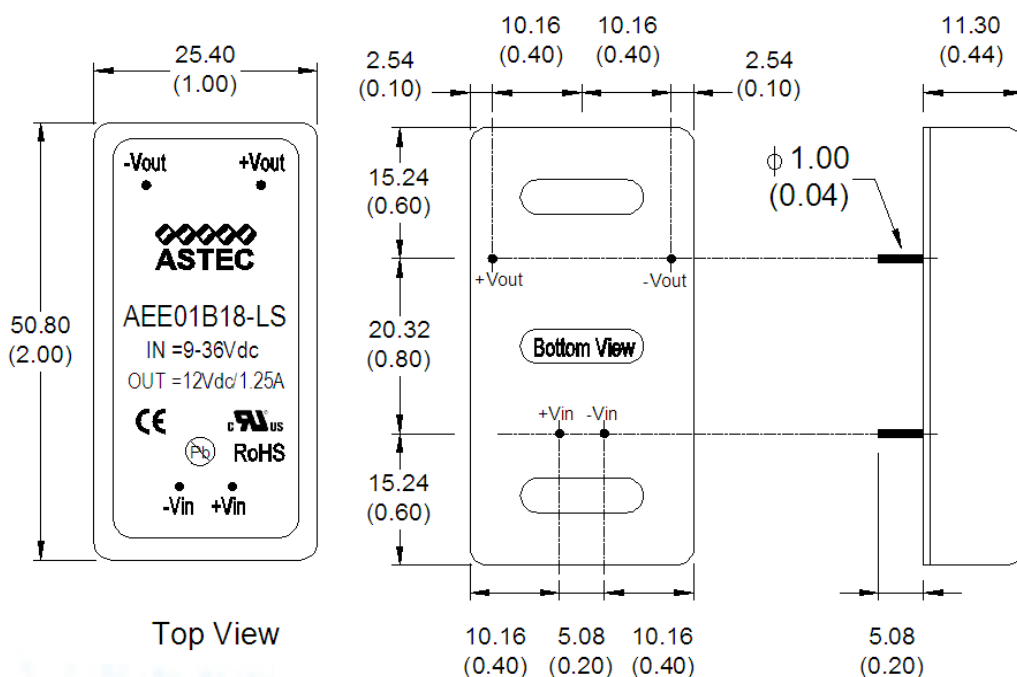
Input	
Input range:	9 to 36 VDC; 18 to 75 VDC
Efficiency ² :	84% @ 12 Vo
Output	
Voltage tolerance:	±2.0%
Line regulation:	±0.5%
Load regulation:	Single output: ±1.0% Dual output: ±TBD%
Noise/ripple:	3.3 Vo: 100 mV 5.0 Vo: 100 mV 12 Vo: 120 mV 15 Vo: 120 mV
Short circuit protection:	Auto-restart
Switching frequency:	300 KHz
Temperature coefficient:	±0.02 /°C
Isolation	
I/O isolation:	1500 VDC min.
Insulation resistance:	10 Mohm
Insulation capacitance:	1000 pF typical

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 Million hours
RoHS Compliant	RoHS-6

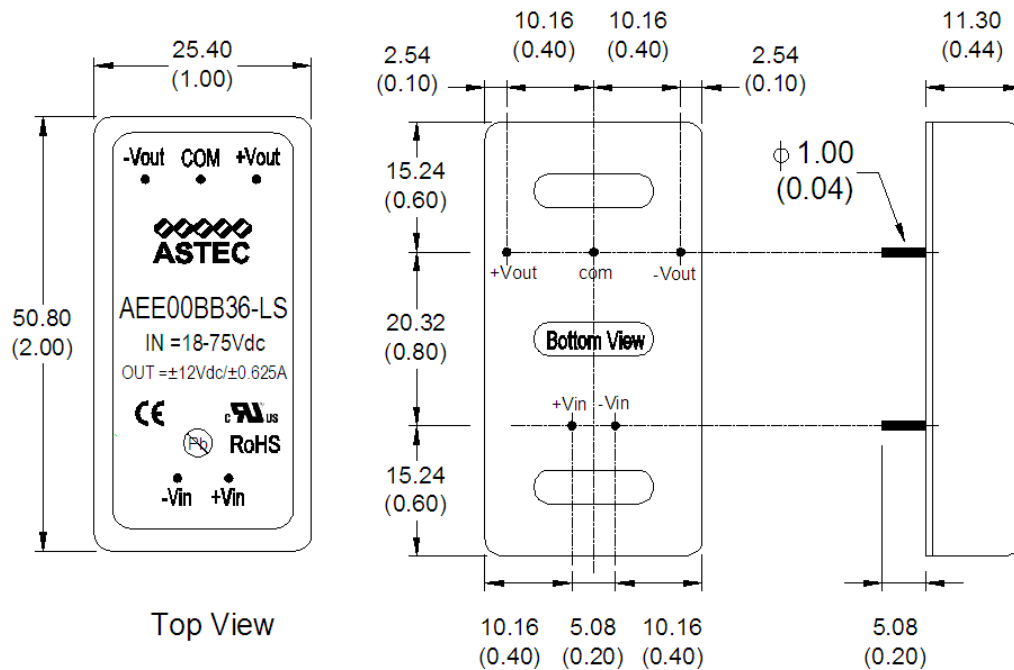
Please contact Artesyn Embedded Technologies for information on other output voltages, power ranges and configurations. Available in RoHS 6 version only.

Single Output



Mechanical Drawings

Dual Output

**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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