

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

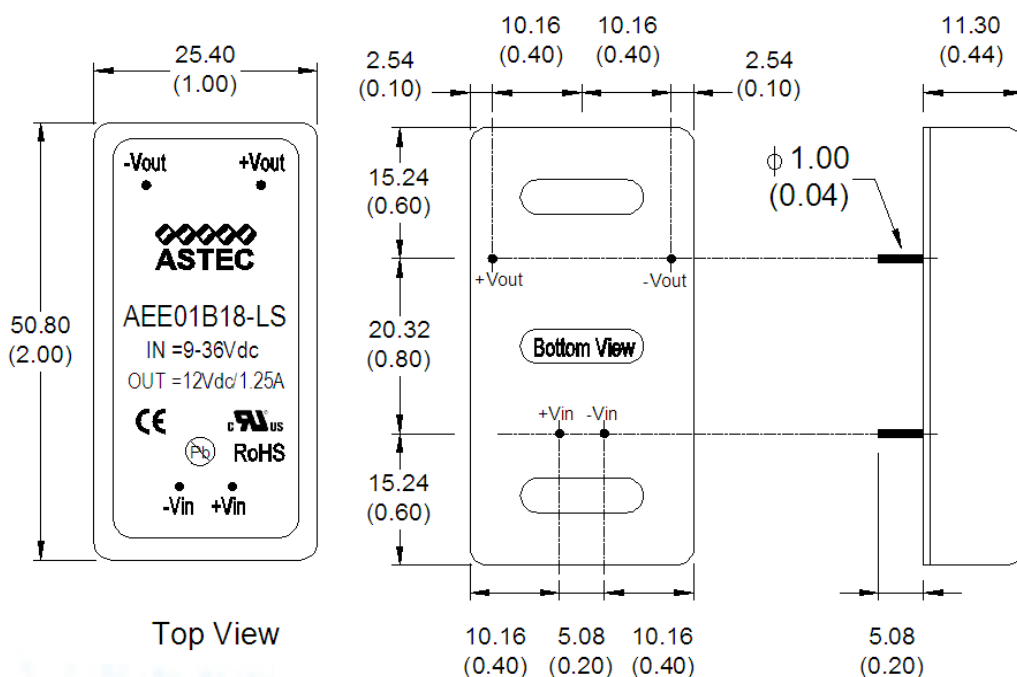
Input	
Input range:	9 to 36 VDC; 18 to 75 VDC
Efficiency ² :	84% @ 12 Vo
Output	
Voltage tolerance:	±2.0%
Line regulation:	±0.5%
Load regulation:	Single output: ±1.0% Dual output: ±TBD%
Noise/ripple:	3.3 Vo: 100 mV 5.0 Vo: 100 mV 12 Vo: 120 mV 15 Vo: 120 mV
Short circuit protection:	Auto-restart
Switching 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



Top View

Dimensions (inches / millimeters):

- Overall Width: 2.54 (1.00)
- Overall Height: 50.80 (2.00)
- Pin Pitch (horizontal): 10.16 (0.40)
- Pin Pitch (vertical): 20.32 (0.80)
- Pin 1 to Pin 2: 2.54 (0.10)
- Pin 2 to Pin 3: 10.16 (0.40)
- Pin 3 to Pin 4: 10.16 (0.40)
- Pin 4 to Pin 5: 2.54 (0.10)
- Pin 5 to Pin 6: 11.30 (0.44)
- Pin 6 to Pin 7: 10.16 (0.40)
- Pin 7 to Pin 8: 10.16 (0.40)
- Pin 8 to Pin 9: 2.54 (0.10)
- Pin 9 to Pin 10: 11.30 (0.44)
- Pin 10 to Pin 11: 10.16 (0.40)
- Pin 11 to Pin 12: 10.16 (0.40)
- Pin 12 to Pin 13: 2.54 (0.10)
- Pin 13 to Pin 14: 11.30 (0.44)
- Pin 14 to Pin 15: 10.16 (0.40)
- Pin 15 to Pin 16: 10.16 (0.40)
- Pin 16 to Pin 17: 2.54 (0.10)
- Pin 17 to Pin 18: 11.30 (0.44)
- Pin 18 to Pin 19: 10.16 (0.40)
- Pin 19 to Pin 20: 10.16 (0.40)
- Pin 20 to Pin 21: 2.54 (0.10)
- Pin 21 to Pin 22: 11.30 (0.44)
- Pin 22 to Pin 23: 10.16 (0.40)
- Pin 23 to Pin 24: 10.16 (0.40)
- Pin 24 to Pin 25: 2.54 (0.10)
- Pin 25 to Pin 26: 11.30 (0.44)
- Pin 26 to Pin 27: 10.16 (0.40)
- Pin 27 to Pin 28: 10.16 (0.40)
- Pin 28 to Pin 29: 2.54 (0.10)
- Pin 29 to Pin 30: 11.30 (0.44)
- Pin 30 to Pin 31: 10.16 (0.40)
- Pin 31 to Pin 32: 10.16 (0.40)
- Pin 32 to Pin 33: 2.54 (0.10)
- Pin 33 to Pin 34: 11.30 (0.44)
- Pin 34 to Pin 35: 10.16 (0.40)
- Pin 35 to Pin 36: 10.16 (0.40)
- Pin 36 to Pin 37: 2.54 (0.10)
- Pin 37 to Pin 38: 11.30 (0.44)
- Pin 38 to Pin 39: 10.16 (0.40)
- Pin 39 to Pin 40: 10.16 (0.40)
- Pin 40 to Pin 41: 2.54 (0.10)
- Pin 41 to Pin 42: 11.30 (0.44)
- Pin 42 to Pin 43: 10.16 (0.40)
- Pin 43 to Pin 44: 10.16 (0.40)
- Pin 44 to Pin 45: 2.54 (0.10)
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- Pin 52 to Pin 53: 2.54 (0.10)
- Pin 53 to Pin 54: 11.30 (0.44)
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- Pin 60 to Pin 61: 2.54 (0.10)
- Pin 61 to Pin 62: 11.30 (0.44)
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- Pin 64 to Pin 65: 2.54 (0.10)
- Pin 65 to Pin 66: 11.30 (0.44)
- Pin 66 to Pin 67: 10.16 (0.40)
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- Pin 68 to Pin 69: 2.54 (0.10)
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- Pin 73 to Pin 74: 11.30 (0.44)
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- Pin 92 to Pin 93: 2.54 (0.10)
- Pin 93 to Pin 94: 11.30 (0.44)
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- Pin 96 to Pin 97: 2.54 (0.10)
- Pin 97 to Pin 98: 11.30 (0.44)
- Pin 98 to Pin 99: 10.16 (0.40)
- Pin 99 to Pin 100: 10.16 (0.40)
- Pin 100 to Pin 101: 2.54 (0.10)
- Pin 101 to Pin 102: 11.30 (0.44)
- Pin 102 to Pin 103: 10.16 (0.40)
- Pin 103 to Pin 104: 10.16 (0.40)
- Pin 104 to Pin 105: 2.54 (0.10)
- Pin 105 to Pin 106: 11.30 (0.44)
- Pin 106 to Pin 107: 10.16 (0.40)
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- Pin 108 to Pin 109: 2.54 (0.10)
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- Pin 116 to Pin 117: 2.54 (0.10)
- Pin 117 to Pin 118: 11.30 (0.44)
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- Pin 120 to Pin 121: 2.54 (0.10)
- Pin 121 to Pin 122: 11.30 (0.44)
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- Pin 124 to Pin 125: 2.54 (0.10)
- Pin 125 to Pin 126: 11.30 (0.44)
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- Pin 133 to Pin 134: 11.30 (0.44)
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- Pin 136 to Pin 137: 2.54 (0.10)
- Pin 137 to Pin 138: 11.30 (0.44)
- Pin 138 to Pin 139: 10.16 (0.40)
- Pin 139 to Pin 140: 10.16 (0.40)
- Pin 140 to Pin 141: 2.54 (0.10)
- Pin 141 to Pin 142: 11.30 (0.44)
- Pin 142 to Pin 143: 10.16 (0.40)
- Pin 143 to Pin 144: 10.16 (0.40)
- Pin 144 to Pin 145: 2.54 (0.10)
- Pin 145 to Pin 146: 11.30 (0.44)</

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.

AEE15W DS Rev. 08.04.14

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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