

10 Watts AEE01-Dual

Total Power: 10 Watts
Input Voltages: 48V, 24V
No. of Outputs: Dual



Special Features

- 10 W, Dual output
- 2:1 Input range
- 1.0" x 2.0" x 0.33 case
- Industry standard package
- Low Profile
- Low Cost

Environmental

Operating base temperature range:
-25°C to +95°C
Storage temperature: -40°C to +105°C
MTBF: 2.7 Million Hours (Belcore TR332)

Safety

UL UL1950 Recognition
CSA CSA22.2-950 Recognition
TUV EN60950 Recognition

Electrical Specs

Input

Input range 18 to 36 VDC
36 to 72 VDC
Efficiency 79% typical ($\pm 5V$)

Output

Voltage tolerance $\pm 1.0\%$
Overall regulation $\pm 1\%$ max
Noise/ripple 1% (mV P-P)
Transient response 200 usec typical (50% step load change to within 5%Vo)

Temperature Regulation $\pm 0.02\%Vo/^{\circ}C$

Switching frequency 330kHz

Isolation

I/O isolation 500 VDC
Isolation Resistance 300 Mohms

AMERICAS

5810 Van Allen Way
 Carlsbad, CA 92008
 Telephone: 760-930-4600
 Facsimile: 760-930-0698

EUROPE

Astec House, Waterfront Business Park
 Merry Hill, Dudley
 West Midlands, DY5 1LX, UK
 Telephone: 44 (1384) 842-211
 Facsimile: 44 (1384) 843-355

ASIA

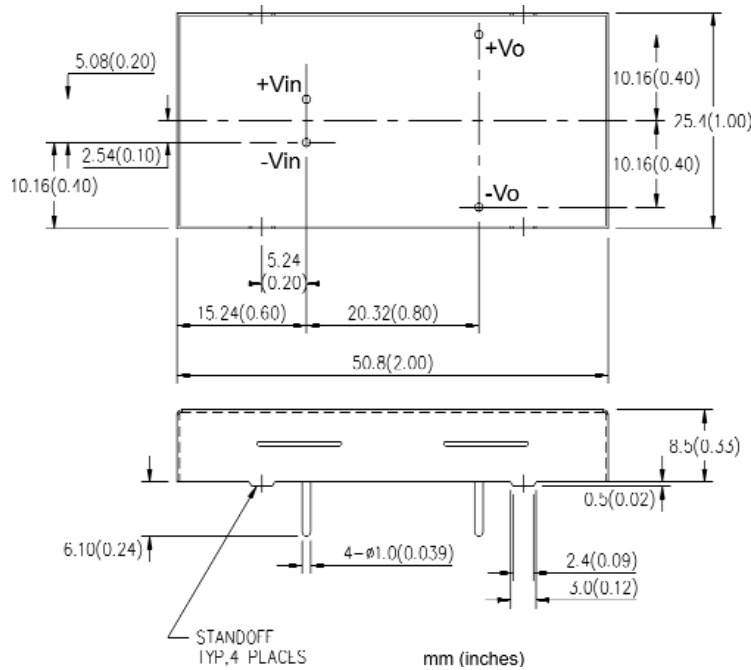
Units 2111-2116, Level 21
 Tower1, Metroplaza
 223, Hing Fong Road
 Fwai Fong, New Territories
 Hong Kong
 Telephone: 852-2437-9662
 Facsimile: 852-2402-4426



AEE01, 02

Ordering Information

Input Voltage	Output Voltage	Efficiency	Model Number
18-36 V	±5V @ ±1.0 A	79%	AEE01AA24
18-36 V	±12V @ ±0.42 A	83%	AEE00BB24
18-36 V	±15V @ ±0.33 A	83%	AEE00CC24
36-72 V	±5V @ ±1.0 A	79%	AEE01AA48
36-72 V	±12V @ ±0.42 A	83%	AEE00BB48
36-72 V	±15V @ ±0.33 A	83%	AEE00CC48



Notes:

- 20 MHz bandwidth. An external 0.1 uf ceramic capacitor is recommended to be placed from +V out to comm.
- All specifications are typical at nominal line, full load, and 25°C unless otherwise noted.
- All specifications subject to change without notice.
- Mechanical drawings are for reference only.