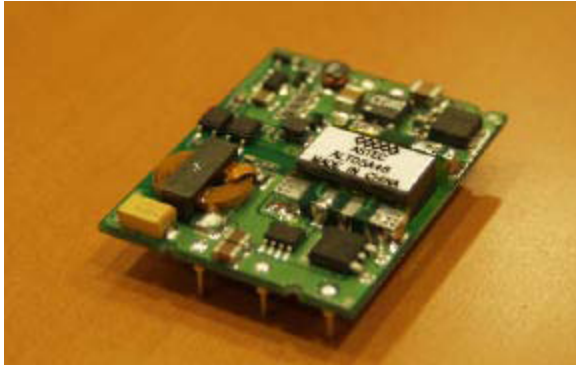


# 25-30 Watts

Total Power: 25 Watts for Single, 30Watts for Dual output  
Input Voltages: 48 V, 24V  
No. of Outputs: Single, Dual

## ALT ALT Dual



### Special Features

- 25W Single and 30W Dual output
- 2:1 Input range
- Open Frame package
- 1.6" X 2.0" X 0.48"
- Positive and Negative enable function
- Industry standard package

### Environmental

Operating temperature  
-40°C to +55°C (ambient temperature)  
Storage temperature: -55°C to +125°C  
MTBF: 2 million hours (Bellcore TR332)

### Safety

UL 1950 Recognized  
CSA CSA22.2 - 950  
VDE EN60950 Licensed

### Electrical Specs

#### Input

Input range 48Vin:36-75 VDC  
24Vin: 18 - 36VDC  
Input Surge 48Vin: 100V / 100ms  
24Vin: 50V / 100ms  
Efficiency 87%@5.0V (Typical)

#### Control

Enable TTL compatible  
(positive & negative enable options)

#### Output

Regulation  
Line <0.2%  
Load <0.5%  
Ripple & Noise 75mV p-p for 3.3V and 5V of 48Vin  
100mV p-p for 3.3V and 5V of 24Vin  
150mV p-p for 12V and 15V  
150mV p-p for dual output  
Output voltage adjust range +/-10% of nominal output  
Transient Response 3% max deviation with 50% to 75% full load  
200  $\mu$ S (max) recovery for 48Vin  
300  $\mu$ S (max) recovery for 24Vin  
Overvoltage Protection 19V for 15V output  
16V for 12V output  
7V for 5V output  
5V for 3.3V output

#### Isolation

I/O isolation 1500VDC (Basic insulation)

AMERICAS

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 Facsimile: 852-2176-3888



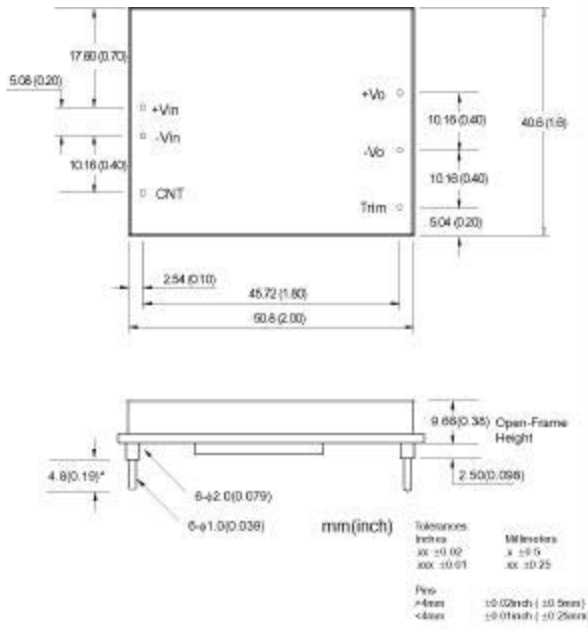
ALT06/ALT-Dual

## Ordering Information

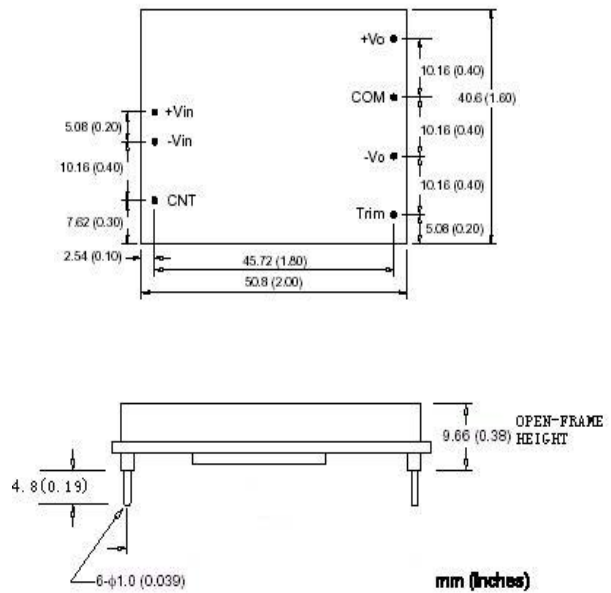
Input Voltage	Output Voltage	Efficiency	Model Number
48V	3.3V @ 6A	85% (Typ)	ALT06F48
48V	5.0V @ 5A	87% (Typ)	ALT05A48
48V	12V @ 2.1A	87% (Typ)	ALT02B48
48V	15V @ 1.67A	87% (Typ)	ALT01C48 (EOL)
24V	3.3V @ 6A	83% (Typ)	ALT06F24
24V	5.0V @ 5A	85% (Typ)	ALT05A24
<b>Dual output</b>			
48V	5.0V @ 3A	84% (Typ)	ALT03AA48 (EOL)
48V	12V @ 1.25A	87% (Typ)	ALT01BB48 (EOL)

## Pin Assignments

### Single Output



### Dual Output



Astec Industry Standard