Rev. 09.23.05 AUM Series

## **AUM Series**

10 Watts

Total Power: 10 Watts Input Voltage: 36V - 60V # of Outputs: Single

### **Special Features**

- Ultra Low Profile 7.7mm
- Efficiency 88% @ 5V
- -40°C to +80°C Operating temperature(Ambient)
- Open Frame SMT
- Low output ripple and noise
- Regulation to zero load
- CISPR22, Class A for Conduct and Radiated EMI
- Parallel Application
- Pb-free reflow compatible and ROHS compliant



# **Electrical Specifications**

Input		
Input range	36 - 60 VDC	
Efficiency	88% @ 5V	
Output		
Line / Load Regulation	±5%	
Noise / Ripple	50mV p-p	
OVP	120% of Vonom	
OCP	3.1A for 1.5V - 3.3V	
	2.1A for 5V	
LVP	90% of Vonom (latch-up)	
Isolation	1500VDC	
Control		
Enable	ON: RC pin connected to -Vin or open OFF: RC pin connected to +Vin	

## **Environmental Specifications**

Ambient Operating temperature -40°C to +80°C (forced air 0.2m/s)
Storage temperature -45°C to +90°C

Safety

UL 60950 CF CF Mark

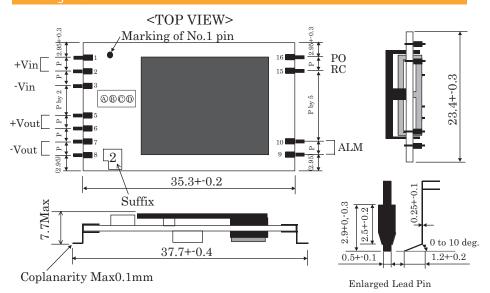




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Ordering Information						
Input Voltage	<b>Output Voltage</b>	Efficiency	<b>Model Number</b>			
48V	1.5V @ 3A	78% (Typ)	AUM03M48			
48V	1.8V @ 3A	80% (Typ)	AUM03Y48			
48V	2.5V @ 3A	84% (Typ)	AUM03G48			
48V	3.3V @ 3A	86% (Typ)	AUM03F48			
48V	5.0V @ 2A	88% (Typ)	AUM02A48			

#### Pin Assianment



Pin Assignments								
Pin No	Symbol	Function	Pin No	Symbol	Function			
1, 2	+Vin	+Input	9, 10	ALM	Alarm Output			
3	-Vin	- Input	15	RC	Remote control on/off			
5, 6	+Vout	+Output	16	PO	Parallel operation			
7,8	-Vout	-Output-						

Note: Astec reserves the right to make changes to the information contained herein without notice and assumes no liability of its use and application.

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