



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



10 Watts

AER03



Total Power: 10 Watts
Input Voltages: 5 V
No. of Outputs: Single

Electrical Specs

Input

Input range 4.5V - 5.5Vdc
 Input Surge 10V
 Efficiency 88%@3.3V

Control

Enable TTL compatible
 (positive enable option)

Output

Regulation
 (Line, Load, Temp) <3%

Ripple and noise 30mV

Transient Response 1% max deviation with
 50% to 75% full load
 40 μ S (max) recovery

Specifications subject to change without notice.

Special Features

- Point of load (POL) applications
- Positive enable function
- Low output ripple and noise
- Fixed frequency switching (150 kHz)
- Overvoltage, over current protection
- Small 1 X 1 Footprint
- Non-Isolated

Environmental

Operating temperature

-25°C to +95°C

Storage temperature: -40°C to +125°C

MTBF: = 5 million hours

Safety

UL, cUL 1950 Recognized

TUV EN60950 Licensed

AMERICAS

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ASIA

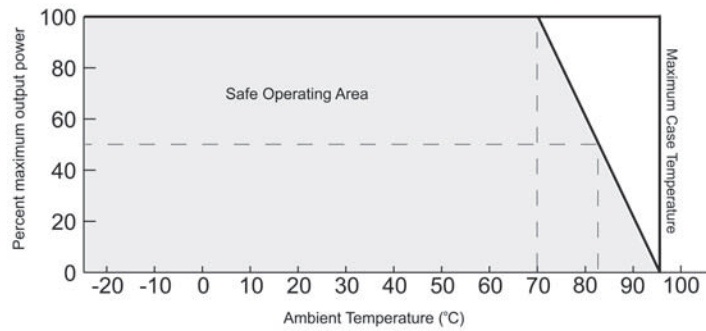
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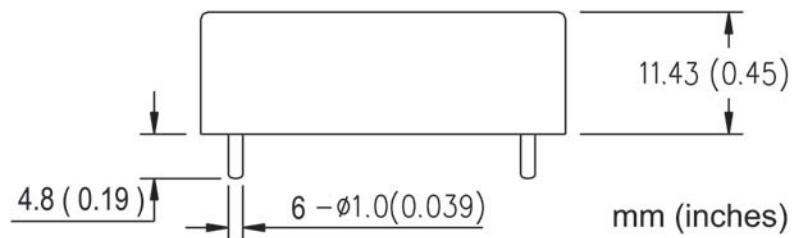
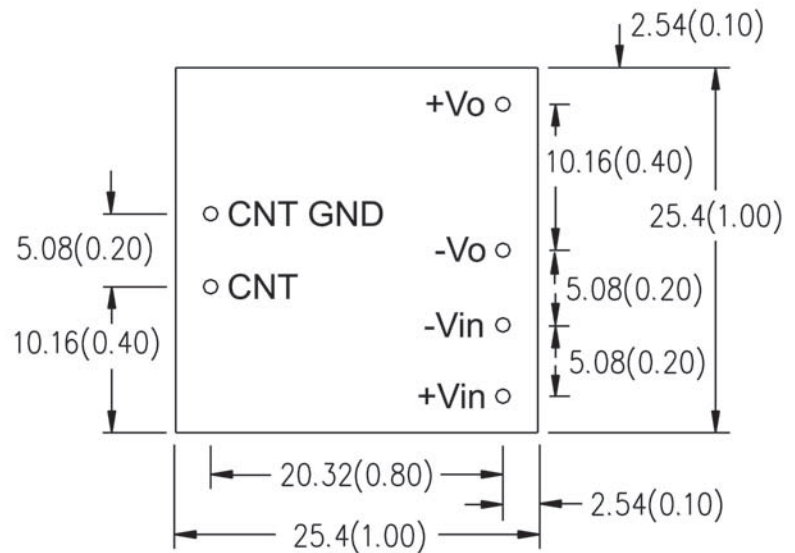
AER03

Ordering Information

Input Voltage	Output Voltage	Efficiency Full Load	Model Number
4.5V-5.5V	3.3V @ 3A	88% (Typ)	AER03F05N (EOL)



AM10 Temperature Derating



Notes:

- 20 mHz bandwidth. External 10 uF tant. capacitor + 0.1 uF cer. capacitor placed from +V out to -V out.
- 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.
- Technical Reference Notes should be consulted for detailed information when available.
- Warranty: 1yr