Embedded Power for
Business-Critical Continuity

AET Series

25 - 30 Watts

Total Power: 25 - 30 Watts
Input Voltage: 12, 24 or 48 V
# of Outputs: Single, Dual

RoHS 2002/95/EC

Special Features

- Encapsulated
- 4:1 input range
- 1.6" x 2" package
- 1500 Vdc I/O isolation
- Single and Dual output
- Remote on/off
- Adjustable output
- Conducted noise: meets EN55022 class A, FCC level A

Safety

- **CE Mark**

Electrical Specifications

Input	
Input range:	9 to 36 VDC; 18 to 75 VDC
Efficiency:	85% @ 12 Vo
Output	
Voltage tolerance:	2.0%
Line regulation:	± 0.5%
Load regulation:	± 0.5%
Cross regulation:	Dual output 4%
Noise/ripple:	All models: 100 mV
Short circuit protection:	Auto-restart
Overvoltage protection:	120 - 130% nominal output
Switching frequency:	300KHz
Temperature coefficient:	± 0.02% / °C
Isolation	
I/O isolation:	1500 VDC min
Insulation resistance:	10Mohm
Insulation capacitance:	1000pF

Environmental Specifications

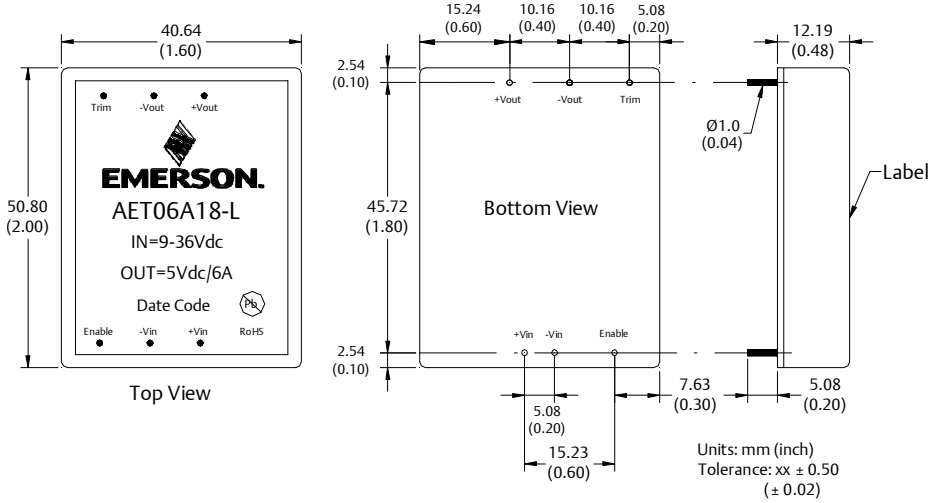
Operating ambient temperature range:	-40 °C to +71 °C
Storage temperature:	-55 °C to +105 °C
Humidity:	5% to 95% non-condensing
MTBF:	500Khrs calculated

EMERSON
Network Power

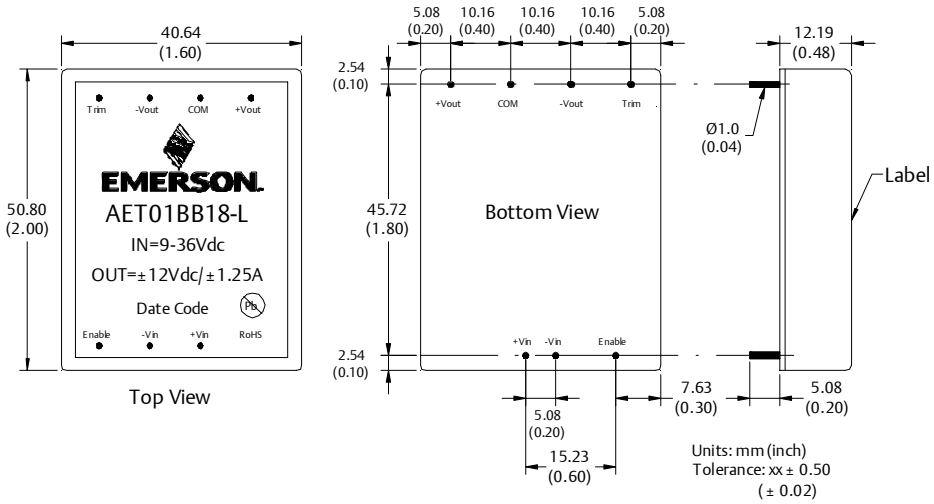
Ordering Information

Input Voltage	Output Voltage 1	Output Voltage 2	Maximum Power	Model Number
9 - 36 V	2.5 V @ 8 A		20 W	AET08G18-L
9 - 36 V	3.3 V @ 7 A		23 W	AET07F18-L
9 - 36 V	5 V @ 6A		30 W	AET06A18-L
9 - 36 V	12 V @ 2.5 A		30 W	AET02B18-L
9 - 36 V	15 V @ 2 A		30 W	AET02C18-L
9 - 36 V	12 V @ 1.25 A	-12 V @ 1.25 A	30 W	AET01BB18-L
9 - 36 V	15 V @ 1 A	-15 V @ 1 A	30 W	AET01CC18-L
18 - 75 V	2.5 V @ 8 A		20 W	AET08G36-L
18 - 75 V	3.3 V @ 7 A		23 W	AET07F36-L
18 - 75 V	5 V @ 6 A		30 W	AET06A36-L
18 - 75 V	12 V @ 2.5 A		30 W	AET02B36-L
18 - 75 V	15 V @ 2 A		30 W	AET02C36-L
18 - 75 V	12 V @ 1.25 A	-12 V @ 1.25 A	30 W	AET01BB36-L
18 - 75 V	15 V @ 1 A	-15 V @ 1 A	30 W	AET01CC36-L

Single Output



Dual Output



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