Embedded Power for
Business-Critical Continuity

AET Series
20 Watts

Total Power: 20 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:	< 1.6%
Line regulation:	± 0.5%
Load regulation:	Single Output: ± 0.5%, Dual Output: ± 2.0%
Noise/ripple:	All models: 100 mV
Short circuit protection:	Auto-restart
Overvoltage protection:	115 - 130% nominal output
Switching frequency:	300KHz
Temperature coefficient:	± 0.2% / °C
Isolation	
I/O isolation:	1500 VDC min
Insulation resistance:	10Mohms
Insulation capacitance:	1000pF

Environmental Specifications

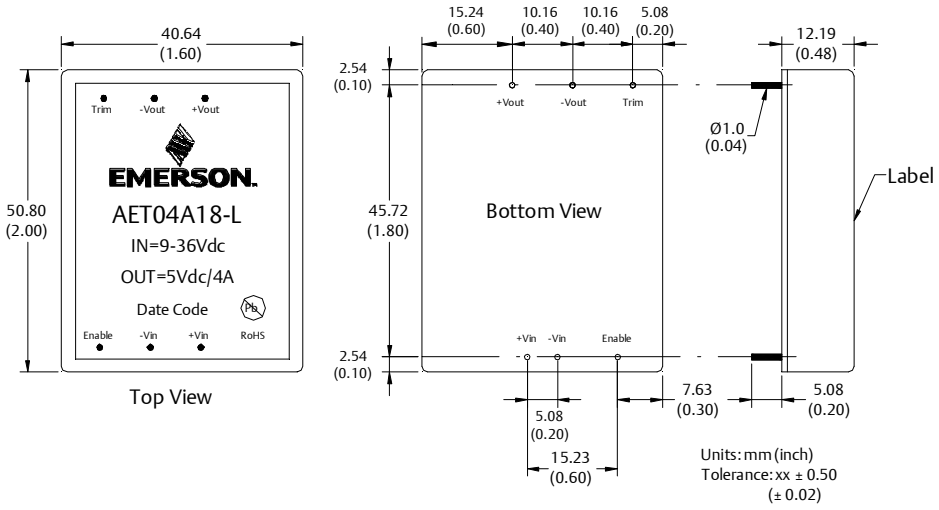
Operating ambient temperature range:	-40 °C to +71 °C (no derating)
Storage temperature:	-55 °C to +105 °C
Humidity:	5% to 95% non-condensing
MTBF:	850Khrs calculated

EMERSON
Network Power

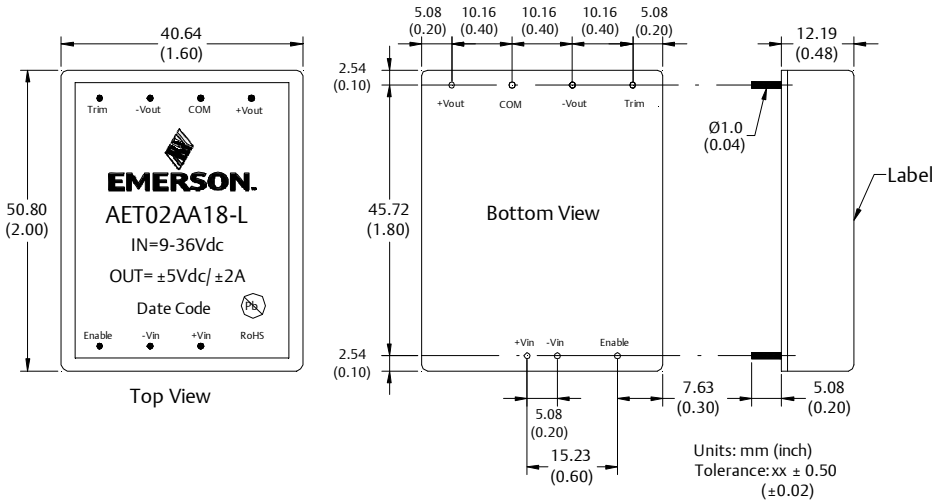
Ordering Information

Input Voltage	Output Voltage 1	Output Voltage 2	Maximum Power	Model Number
9 - 36 V	2.5 V @ 6 A		15 W	AET06G18-L
9 - 36 V	3.3 V @ 6 A		19.8 W	AET06F18-L
9 - 36 V	5 V @ 4 A		20 W	AET04A18-L
9 - 36 V	12 V @ 1.67 A		20 W	AET01B18-L
9 - 36 V	15 V @ 1.33 A		20 W	AET01C18-L
9 - 36 V	5 V @ 2 A	-5 V @ 2 A	20 W	AET02AA18-L
9 - 36 V	12 V @ 0.835 A	-12 V @ 0.835 A	20 W	AET00BB18-L
9 - 36 V	15 V @ 0.665 A	-15 V @ 0.665 A	20 W	AET00CC18-L
18 - 75 V	2.5 V @ 6 A		15 W	AET06G36-L
18 - 75 V	3.3 V @ 6 A		19.8 W	AET06F36-L
18 - 75 V	5 V @ 4 A		20 W	AET04A36-L
18 - 75 V	12 V @ 1.67 A		20 W	AET01B36-L
18 - 75 V	15 V @ 1.33 A		20 W	AET01C36-L
18 - 75 V	5 V @ 2 A	-5 V @ 2 A	20 W	AET02AA36-L
18 - 75 V	12 V @ 0.835 A	-12 V @ 0.835 A	20 W	AET00BB36-L
18 - 75 V	15 V @ 0.665 A	-15 V @ 0.665 A	20 W	AET00CC36-L

Single Output



Dual Output



Americas
5810 Van Allen Way
Carlsbad, CA 92008
USA
Telephone: +1 760 930 4600
Facsimile: +1 760 930 0698

Europe (UK)
Waterfront Business Park
Merry Hill, Dudley
West Midlands, DY5 1LX
United Kingdom
Telephone: +44 (0) 1384 842 211
Facsimile: +44 (0) 1384 843 355

Asia (HK)
14/F, Lu Plaza
2 Wing Yip Street
Kwun Tong, Kowloon
Hong Kong
Telephone: +852 2176 3333
Facsimile: +852 2176 3888

For global contact, visit:

www.Emerson.com/EmbeddedPower

techsupport.embeddedpower@emerson.com

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