

ELECTRICAL SPECIFICATIONS

Input	
Input range	9 - 36 Vdc, 18 - 75 Vdc
Efficiency	89% @ 12 Vo
Output	
Voltage tolerance	±1.0%
Line regulation	±0.2% for single output, ±0.5% for dual output
Load regulation	±0.2% for 12 V, 15 V and 24 V, ±0.5% for 3.3 V and 5 V. ±1.0% for dual output
Noise/ripple	3.3 V and 5 V Models: 75 mV; 12 V and 15 V Models: 100 mV; 24 V Models: 150 mV; Dual Output Models: 100 mV
Overload protection	150% typ of Io max, hiccup
Short circuit protection	Hiccup mode
Switching frequency	330 KHz
Isolation	
I/O isolation	I/O: 1500 Vdc
Insulation resistance	1000 Mohm
Insulation capacitance	1500 pF

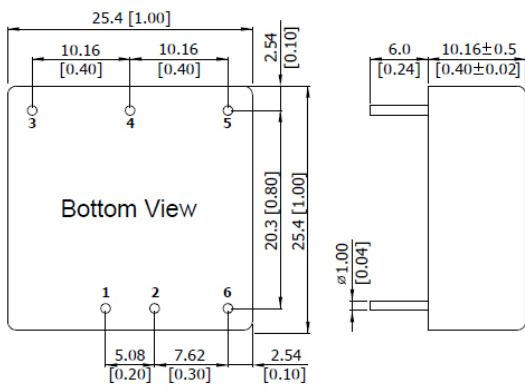
ENVIRONMENTAL SPECIFICATIONS

Operating ambient temperature range	-40 °C to +85 °C
Storage temperature	-50 °C to +125 °C
Humidity	5% to 95% non-condensing
MTBF	346 Khrs calculated

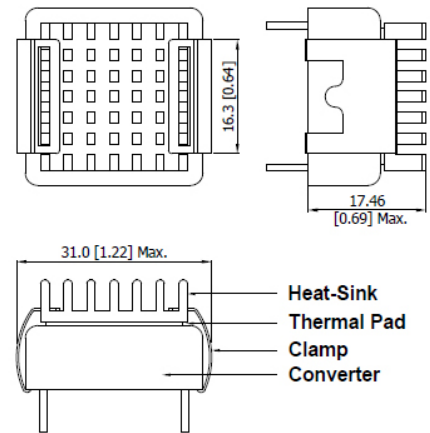
ORDERING INFORMATION

Part Number	Input Voltage	Output Voltage	Output Current	Efficiency	Power
AXA04F18-L	9 - 36 Vdc	3.3 V	4.5 A	87%	15 W
AXA04A18-L	9 - 36 Vdc	5 V	4 A	89%	20 W
AXA01B18-L	9 - 36 Vdc	12 V	1.67 A	89%	20 W
AXA01C18-L	9 - 36 Vdc	15 V	1.33 A	89%	20 W
AXA00H18-L	9 - 36 Vdc	24 V	0.835 A	88%	20 W
AXA00BB18-L	9 - 36 Vdc	±12 V	±0.835 A	89%	20 W
AXA00CC18-L	9 - 36 Vdc	±15 V	±0.67 A	89%	20 W
AXA04F36-L	18 - 75 Vdc	3.3 V	4.5 A	88%	15 W
AXA04A36-L	18 - 75 Vdc	5 V	4 A	89%	20 W
AXA01B36-L	18 - 75 Vdc	12 V	1.67 A	89%	20 W
AXA01C36-L	18 - 75 Vdc	15 V	1.33 A	89%	20 W
AXA00H36-L	18 - 75 Vdc	24 V	0.835 A	88%	20 W
AXA00BB36-L	18 - 75 Vdc	±12 V	±0.835 A	89%	20 W
AXA00CC36-L	18 - 75 Vdc	±15 V	±0.67 A	89%	20 W

MECHANICAL DIMENSIONS



Heatsink (Option -HS)



- All dimensions in mm (inches)
- Tolerance: X.X±0.25 (X.XX±0.01)
X.XX±0.13 (X.XXX±0.005)
- Pin diameter \varnothing 1.0 ±0.05 (0.04±0.002)

Pin Connections		
Pin	Single Output	Dual Output
1	+Vin	+Vin
2	-Vin	-Vin
3	+Vout	+Vout
4	Trim	Common
5	-Vout	-Vout
6	Remote On/Off	Remote On/Off



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PRECISION | POWER | PERFORMANCE

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