

2"W x 2.28"L x 0.833"H

- Universal 90-264VAC Input
- Molex Mini Connector I/O
- Regulated Outputs
- 3000V Isolation
- Single Output from 3.3 to 24 VDC



Model Number	Output Voltage	Output Amps (max)	(pk)
ASL-0100	3.3 VDC	2.5A	3.3A
ASL-0101	5 VDC	2A	2.6A
ASL-0102	12 VDC	0.85A	1.2A
ASL-0103	15VDC	0.67A	0.9A
ASL-0105	24VDC	0.42A	0.6A

**INPUT SPECIFICATIONS**

Input Voltage Range	90-264 VAC; (100-240 Nominal)
Frequency Range	47-63 Hz
Inrush Current, typ:	20A @ 100VAC Input * 40A @ 200VAC Input *
Leakage Current	<3.5mA at 264VAC, 50Hz

**OUTPUT SPECIFICATIONS**

Voltage and Current	See Selection Chart
Load Regulation	+/- 3% (20% to 100% Load)
Line Regulation	+/- 0.1~1%, typ
Preset Accuracy	1%
DC Voltage Adjust (typ)	+/- 6% of FS (Primary)
Temperature Coefficient	+/-0.03%/°C
Ripple/Noise	100mV Pk-Pk, typ
Over Voltage Protection	Clamp, 130-150% *
Short Circuit Protection	Continuous, self-recovering
Hold Up Time	20 mS, typ at Nom.Input Voltage

**GENERAL SPECIFICATIONS**

Isolation	I/P-O/P: 3000VAC
Efficiency	72%~78%, typ (62% for 3.3 Vout)
Switching Frequency	100Khz, (fixed, typical)
Safety UL/cUL:	UL60950-1 2nd ed./ C22.2 60950-1 2nd ed.
CB:	IEC60950-1 2nd ed.

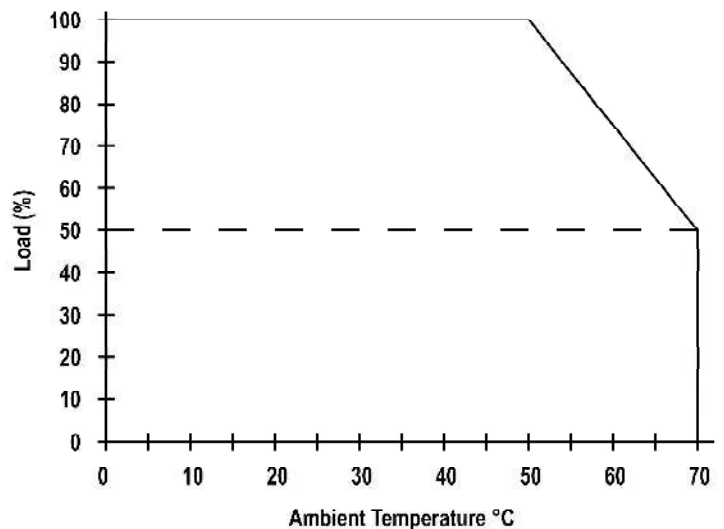
**PHYSICAL SPECIFICATIONS**

Size	2" x 2.28" x 0.833"
Construction	Open Frame
Weight	1.6oz (44g)
Connectors: Molex P/N:	50-37-5033 (Input) 50-37-5023 (Output)

**ENVIRONMENTAL SPECIFICATIONS**

Oper. Temperature	0 to +50°C(FL) See Derate
Storage Temperature	-25 to +71°C *
Relative Humidity	0 to + 95%, non-cond *
EMI	EN55022 Class A
MTBF	180,000 Hrs Mil Std 217, 25°C

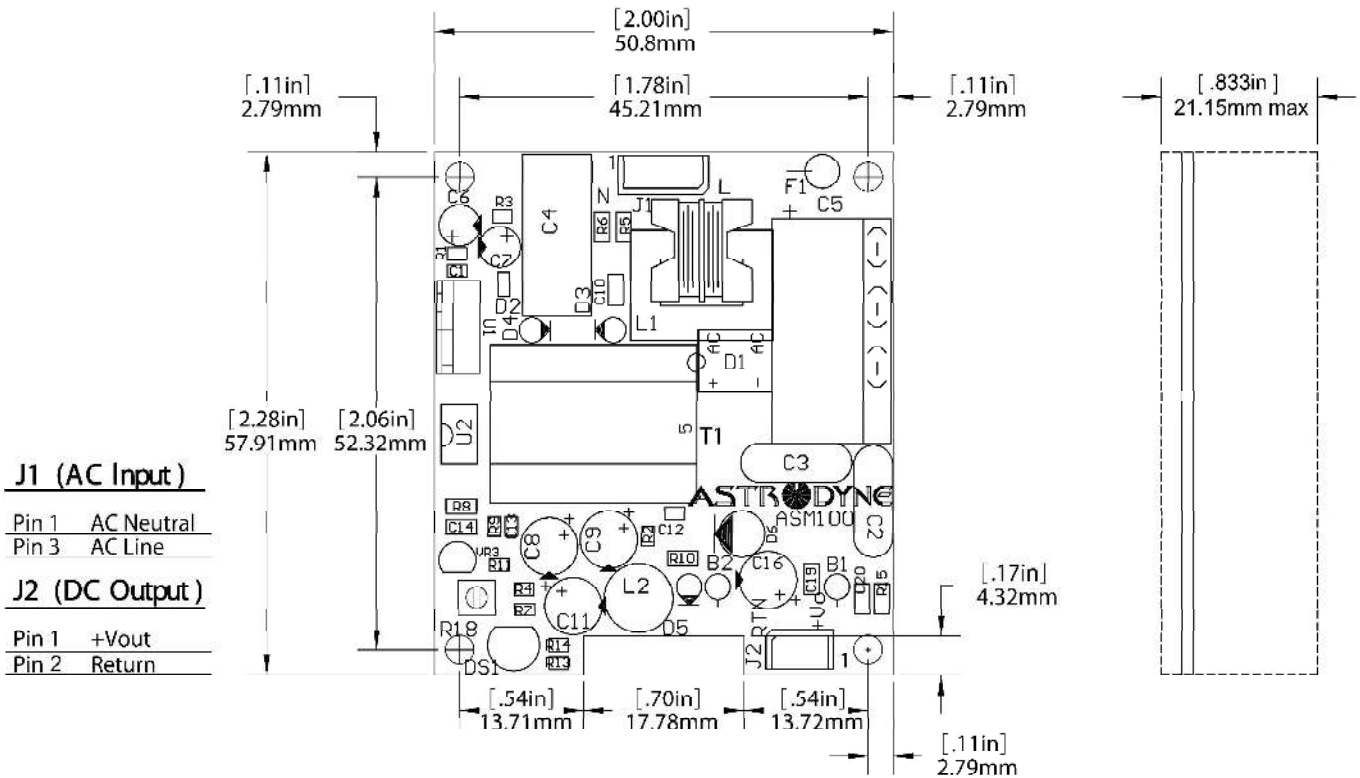
**OUTPUT DERATING CURVE**



All specifications are typical at nominal input, full load, and 25DegC unless otherwise noted

\* These are stress ratings. Exposure of the devices to any of these conditions may adversely affect long term reliability. Proper operation under conditions other than the standard operating conditions is neither warranted nor implied.

**MECHANICAL DIMENSIONS**



- J1 (AC Input)**  
Pin 1 AC Neutral  
Pin 3 AC Line
- J2 (DC Output)**  
Pin 1 +Vout  
Pin 2 Return

SIZE TOLERANCE : ± 0.3mm