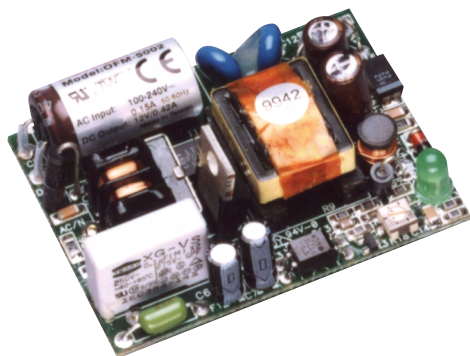




1.77"W x 2.28"L x 0.89"H

- Universal 90-264VAC Input
- High Efficiency
- Regulated Outputs
- 4000VAC Isolation
- Single and Dual Outputs
- Full Safety Approvals



Model Number	Output Voltage	Output Amps(max)	(pk)
SINGLE OUTPUT			
OFM-5000/M	3.3 VDC	1.25A	1.56A
OFM-5001/M	5 VDC	1A	1.5A
OFM-5002/M	12 VDC	0.42A	0.63A
OFM-5003/M	15VDC	0.33A	0.5A
OFM-5005/M	24VDC	0.23A	0.35A
DUAL OUTPUT			
OFM-5006/M	+/-12VDC	+/-0.21A	+/-0.26A
OFM-5007/M	+/-15VDC	+/-0.17A	+/-0.21A

5W Ultraminiature Medical Grade Switching Power Supplies

OFM5/M series

INPUT SPECIFICATIONS

Input Voltage Range	90-264 VAC (100-240VAC nom.)
Frequency Range	47-440 Hz (50-60Hz nom.)
Inrush Current, typ:	20A@100V, 40A@200V Input *

OUTPUT SPECIFICATIONS

Voltage and Current	See Selection Chart
Load Regulation (20%-FL)	Single: +/- 3%, Duals: +/- 3%
Line Regulation	Single +/- 0.1~1%, typ Duals +/- 0.3~1%, typ
Cross Regulation (Duals)	2%
Preset Accuracy	1%
DC Voltage Adjust (typ)	+/- 6% of FS (Primary)
Temperature Coefficient	+/-0.03%/°C
Ripple/Noise (pk-pk, typ)	5~24Vout:100mV 3.3V, Dual Outputs: 150mV
Over Voltage Protection	Clamp 110-150%; 3.3V:170-200% *
Short Circuit Protection	Continuous, self-recovering
Hold Up Time	20 mS, typ

GENERAL SPECIFICATIONS

Input-Out Isolation	4KVAC
Efficiency	68%~78%, typ
Switching Frequency	100Khz, (fixed, typical)
Safety UL/cUL:	ANSI/AAMI ES60601-1 3rd ed. CSA C22.2 No. 60601-1 3rd ed.
UL-EU:	EN60601-1 3rd ed.
CB:	IEC60601-1 3rd ed.
CE:	EN60601-1-2

PHYSICAL SPECIFICATIONS

Size	1.77" x 2.28" x 0.89"
Construction	Open Frame
Weight	1.4oz (40g)

ENVIRONMENTAL SPECIFICATIONS

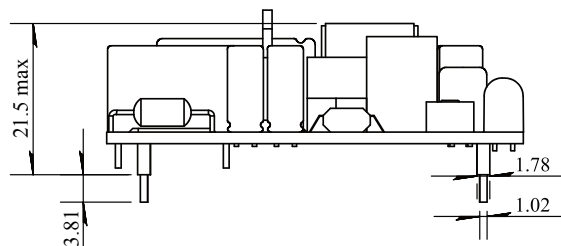
Oper. Temperature	0 to +50°C (See Derate)
Storage Temperature	-25 to +71°C *
Relative Humidity	0 to + 95%, non-cond *
EMC	EN55011 Class B
MTBF	(Mil Std 217, 25°C) 180,000 Hrs

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

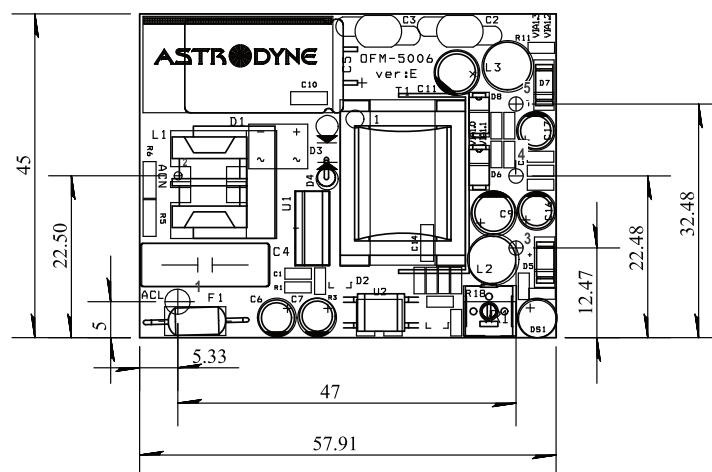
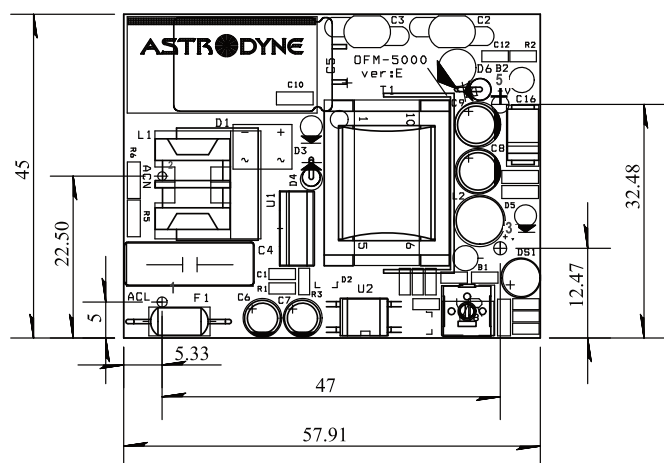
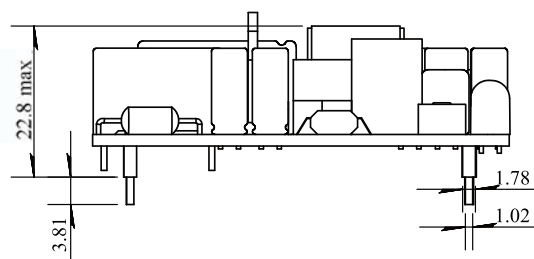
* These are stress ratings. Exposure of the devices to any of these conditions may adversely affect long term reliability. Proper operation under conditions other than the standard operating conditions is neither warranted nor implied.

MECHANICAL DIMENSIONS

SINGLE



DUAL



Pin #	Single Outputs	Dual Outputs
1	AC Line	AC Line
2	AC Neutral	AC Neutral
3	+ Output	+Output
4	No Pin	Common
5	- Output	- Output

OUTPUT DERATING CURVE

