

1.89"W x 2.76"L x 1.04"H

- Universal 90-264VAC Input
- Class II
- Regulated Outputs
- 4000VAC Isolation
- Single and Dual Outputs
- ANSI/AAMI ES60601-1:2005 & IEC60601-1 Approved



Model Number	Output Voltage	Output Amps(max)	(pk)	Ripple & Noise
SINGLE OUTPUT				
OFM-1500/M	3.3 VDC	3.5A	3.8A	100mV pk-pk max.
OFM-1501/M	5 VDC	3A	3.6A	100mV pk-pk max.
OFM-1502/M	12 VDC	1.25A	1.5A	100mV pk-pk max.
OFM-1503/M	15VDC	1A	1.25A	100mV pk-pk max.
OFM-1505/M	24VDC	0.63A	0.75A	240mV pk-pk max.
DUAL OUTPUT				
OFM-1506/M	+/-12VDC	+/-0.63A	+/-0.8A	300mV pk-pk max.
OFM-1507/M	+/-15VDC	+/-0.5A	+/-0.65A	300mV pk-pk max.

INPUT SPECIFICATIONS

Input Voltage Range	90-264 VAC (100-240VAC nom.)
Frequency Range	47-440 Hz (50-60Hz nom.)
Inrush Current, max.	20A@100V, 40A@200V Input *
Leakage Current	<0.3mA @ 240VAC, 50Hz

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	100mV Pk-Pk, max.
Over Voltage Protection	Clamp, 110-150%; * 3.3V:170-200% *
Over Temp. Protection	Latching, Cool and Repower
Short Circuit Protection	Continuous, self-recovering
Hold Up Time	20mS typ. @ 120VAC

GENERAL SPECIFICATIONS

Input-Out Isolation	4KVAC
Efficiency	75%~78%, typ (68% for 3.3V 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	1.89" x 2.76" x 1.04"
Construction	Open Frame
Weight	2.5oz (70g)

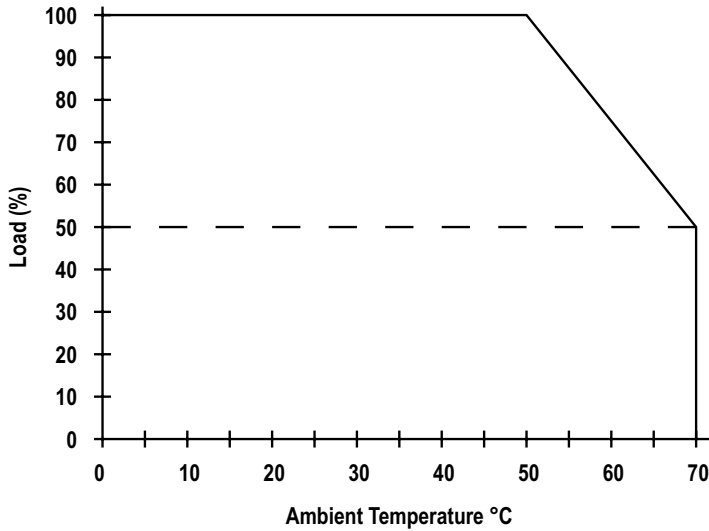
ENVIRONMENTAL SPECIFICATIONS

Oper. Temperature	0 to +50°C (See Derate)
Storage Temperature	-25 to +71°C *
Relative Humidity	0 to + 95%, non-cond *
EMI	EN55011 Class A
MTBF	(Mil Std 217, 25°C) 559,000 Hrs

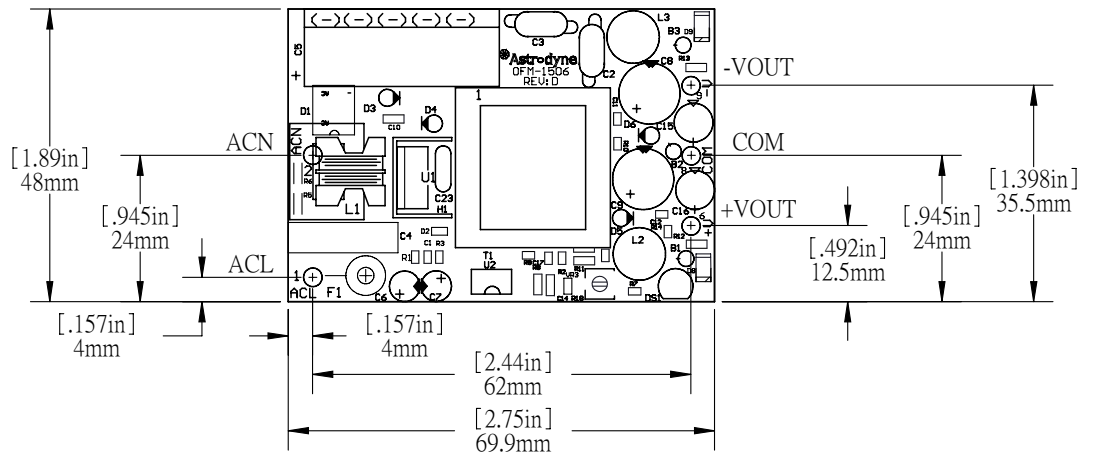
All specifications are typical at nominal input, full load, and 25°C unless otherwise noted

* 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.

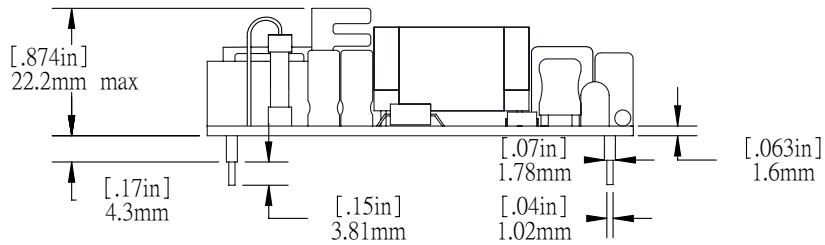
OUTPUT DERATING CURVE



MECHANICAL DIMENSIONS



Pin #	Single Outputs	Dual Outputs
1	AC Line	AC Line
2	AC Neutral	AC Neutral
6	+ Output	+Output
8	NC	Common
9	- Output	- Output



Length & Width tolerance : ± 0.1mm (0.004in)

Pin : 1.0x10.2x0.6 copper core with Ni-plating