

- Universal 90-264VAC Input
- High Efficiency
- Regulated Outputs
- 3000V Isolation
- Single Outputs
- UL6050 & EN60950 Approved

2.17"W x 1.38"L x 0.79"H



Model Number	Output Voltage	Output Amps(max)	R & N (Note 1)
SINGLE OUTPUT			
LFM5-3.3	3.3 VDC	1.25A	50mV
LFM5-5	5 VDC	1A	50mV
LFM5-12	12 VDC	0.42A	120mV
LFM5-15	15VDC	0.33A	150mV
LFM5-24	24VDC	0.23A	240mV

INPUT SPECIFICATIONS

Input Voltage Range	90-264 VAC
Frequency Range	47-63 Hz
Inrush Current, typ:	20A@100V, 40A@200V Input *
Leakage Current	0.25mA max.

OUTPUT SPECIFICATIONS

Voltage and Current	See Selection Chart
Load Regulation (10%-FL)	+/- 1%
Line Regulation (LL-HL, FL)	+/- 0.5%
Voltage Accuracy	+/- 1%
Temperature Coefficient	+/-0.05%/°C
Ripple/Noise	See Selection Chart
Short Circuit Protection	Continuous
Hold Up Time	8 mS, typ @ 115VAC

GENERAL SPECIFICATIONS

Input-Out Isolation	3000VAC
Efficiency	75%~78%, typ
Safety	UL60950, EN60950

PHYSICAL SPECIFICATIONS

Size	2.17" x 1.38" x 0.79"
Construction	Open Frame
Weight	1.4oz (40g)

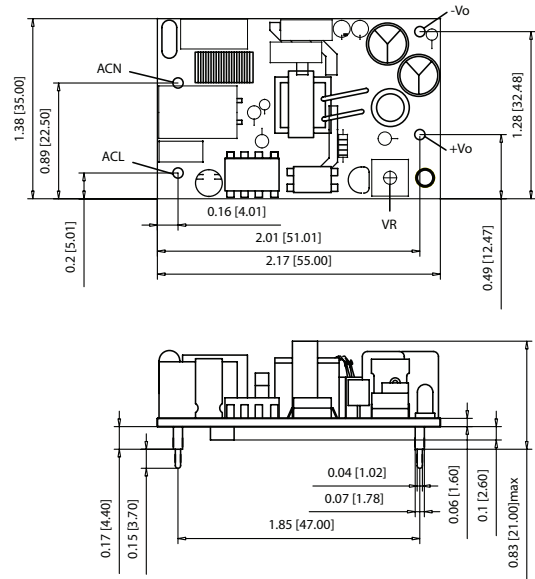
ENVIRONMENTAL SPECIFICATIONS

Oper. Temperature	0 to +40°C
Cooling	Free Air Convection
Storage Temperature	-20 to +85°C *

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 SPECIFICATIONS



Notes:

- 1) Add a 0.1uF ceramic capacitor and a 10uF E.L.capacitor to output for Ripple & Noise (R & N) measuring @ 20MHz BW.

Astrodyne products are not authorized or warranted for use as critical components in life support systems, equipment used in hazardous environments, nuclear controls systems, or other mission-critical applications.