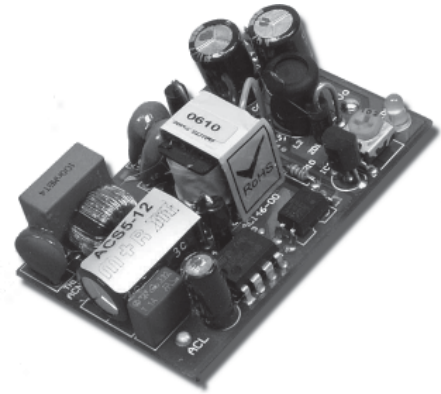


# 5 Watt

## AC/DC - Modules Open Frame



- o Universal Input 85-264 VAC
- o Conductive EMI Meets CISPR/FCC Class B
- o Efficiency at 77% typical
- o Meets UL, TÜV, CE



MODEL NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT		RIPPLE & NOISE <sup>1)</sup>
		MIN.	MAX	
ACS5-3.3	3.3 VDC	0 A	1250 mA	50 mV
ACS5-5	5 VDC		1000 mA	50 mV
ACS5-9	9 VDC		550 mA	90 mV
ACS5-12	12 VDC		420 mA	120 mV
ACS5-15	15 VDC		330 mA	150 mV
ACS5-18	18 VDC		280 mA	180 mV
ACS5-24	24 VDC		230 mA	240 mV

**NOTE:**

1. Add a 0.1  $\mu$ F ceramic Capacitor and a 10  $\mu$ F E.L.Capacitor to output for Ripple & Noise measuring @ 20 MHz BW.

**SPECIFICATIONS**

All Specifications Typical At Nominal Line, 75% Load, and 25°C Unless Otherwise Noted

**INPUT SPECIFICATIONS**

Input Voltage Range	85-264 VAC
Inrush Current	40 A max. / 264 VAC
Input Frequency	47-63 Hz
Leakage Current	0.25 mA max.

**OUTPUT SPECIFICATIONS**

Voltage Accuracy	±1.0% max.
Temperature Coefficient	±0.05% /°C
Ripple and Noise, 20 MHz BW	see table
Short Circuit Protection	Continuous
Holdup Time <sup>1)</sup>	8 mS typ.
Line Regulation <sup>2)</sup>	±0.5%
Load Regulation <sup>3)</sup>	±1.0%

**NOTE:**

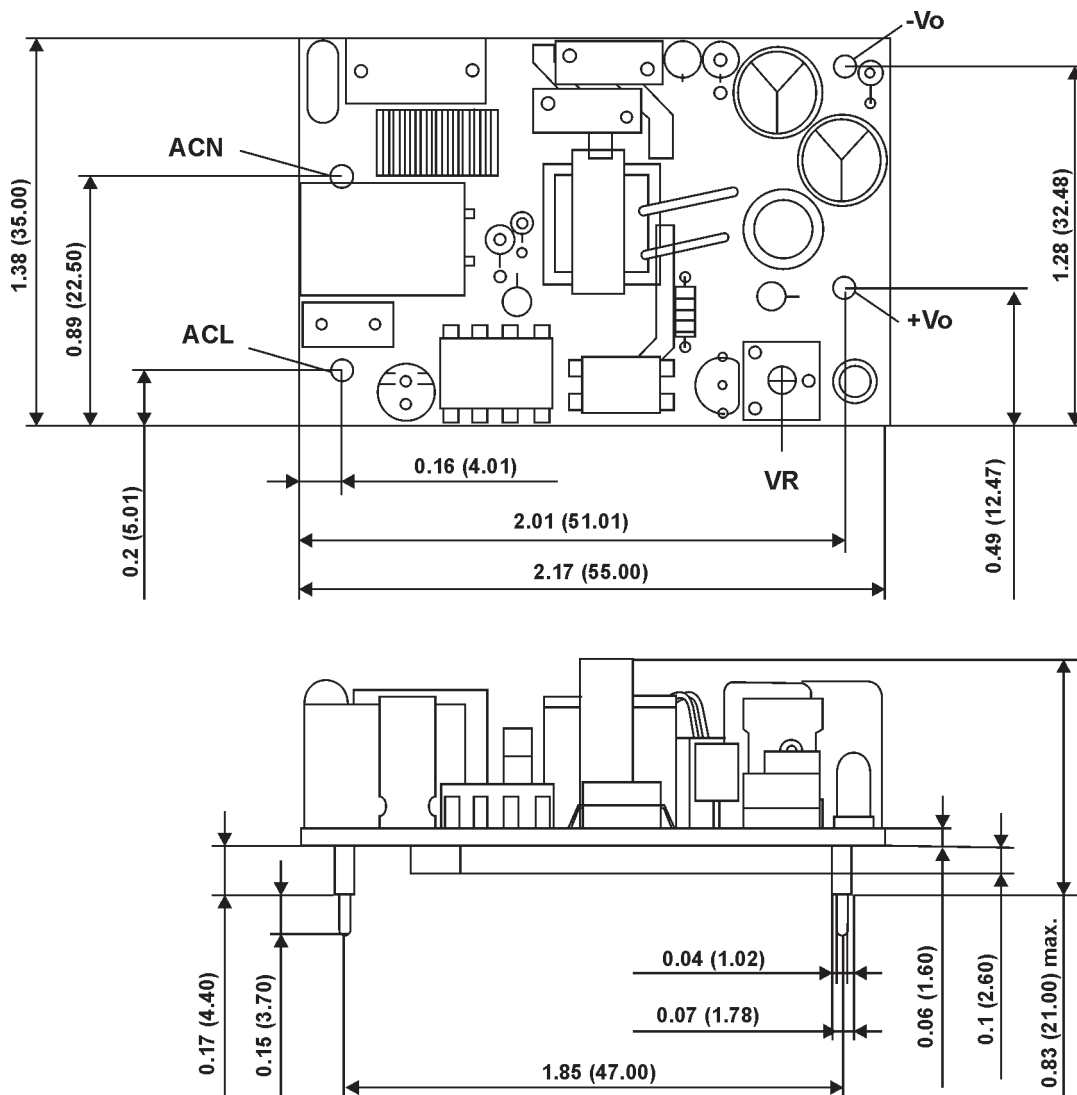
1. Measured at Vin = 115 VAC, Full Load
2. Line Regulation is measured from 100Vac to 240Vac with Full Load.
3. Load Regulation is measured from 10% to 100% Full Load.

**GENERAL SPECIFICATION**

Efficiency	77%
Isolation Voltage (I/O)	4242 VDC
Operating Temperature Range	0°C to +70°C
Storage Temperature Range	-20°C to +85°C
Cooling	Free Air Convection
Conducted EMI	CISPR/FCC Class B
Dimensions	55.0 x 35.0 x 21.0 mm (2.17 x 1.38 x 0.83 Inches)
Weight	35 g

**SPECIFICATIONS**

All Specifications Typical At Nominal Line, 75% Load, and 25°C Unless Otherwise Noted

**MECHANICAL SPECIFICATIONS****ACS5**

All Dimensions are in Inches (mm)

Tolerances: x.xx =  $\pm 0.02$  (x.xx =  $\pm 0.5$ ) unless otherwise noted.**NOTICE:**

The information in this document has been carefully checked. However, no responsibility is assumed for inaccuracies! Specifications can be changed without notice. The latest and most complete information can be found on our website.