

SPECIFICATION

ELECTRICAL CHARACTERISTICS:

PRIMARY RATED VOLTAGE & FREQUENCY: 120V 60Hz

SECONDARY RATED VOLTAGE & REGULATION: 12VDC $\pm$ 5%

RATED VOLTAGE	RATED CURRENT	TOLERANCE	NO LOAD VOLTAGE	INPUT VOLTAGE
12 VDC	5 A	+/- 5%	14 VDC	120 VAC

EXCITING CURRENT: Input Primary 120VAC 60Hz 700mA Max.

TEMPERATURE RISE: 70°C Max. with Resistant Method at 4 Hour

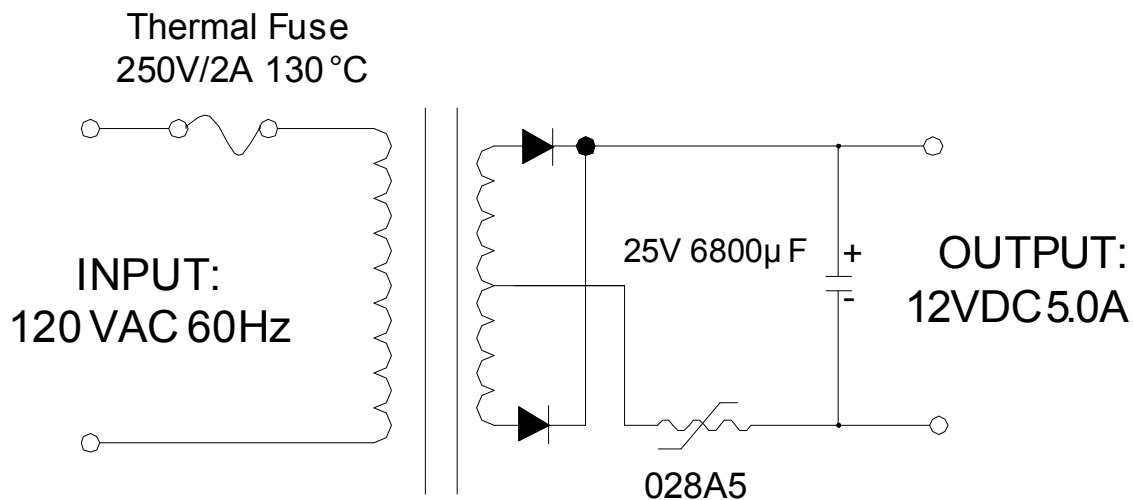
INSULATION RESISTANCE: 500 VDC 100M Ω Min.

HI-POT TEST: 2000 VAC 1.0mA for 1 Second between Primary and Secondary

2000 VAC 1.0mA for 1 Second between Primary and Core

2000 VAC 1.0mA for 1 Second between Secondary and Core

CIRCUIT DIAGRAM:



MECHANICAL:

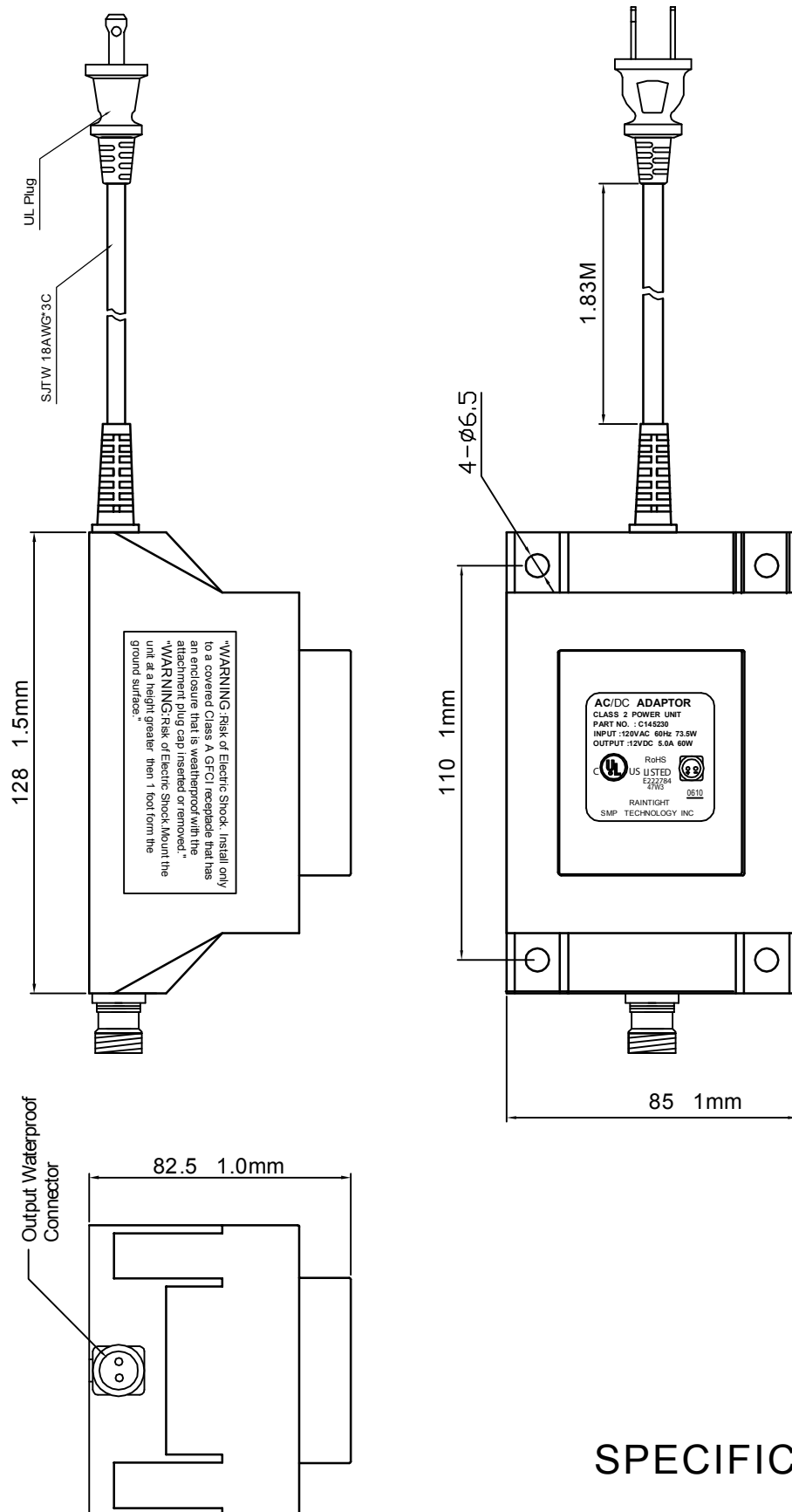
SURFACE: No Damage, Rust or Foam is Permitted.

STRAIN RELIEF TEST: 20 Lbs for 60 Seconds in Any Direction.

PACKAGING:

See Document C145230 Packaging

Rev.		Drawn	Checked	Approved	Date	
0	Issued	WHS	S.M.	S.M.	10/9/06	SMP TECHNOLOGY, INC.
						AC/DC Adapter, Flexible Cord, Output Waterproof Connector
SCALE: N/A						
TOL.DEC.	.X +/-	.XX +/-	.XXX +/-	ANGLE +/-	UNIT: mm	P/N: C145230 Pg 1/3



SPECIFICATION

Rev.		Drawn	Checked	Approved	Date	
0	Issued	WHS	S.M.	S.M.	10/9/06	SMP TECHNOLOGY, INC.
						AC/DC Adapter, Flexible Cord, Output Waterproof Connector
SCALE: N/A						P/N: C145230
TOL.DEC. .X +/- .XX +/- .XXX +/- ANGLE +/- UNIT: mm						Pg 2/3

WARNING: READ ALL INSTRUCTIONS BEFORE INSTALLATION

INSTALLATION INSTRUCTIONS:

POWER ADAPTER - IMPORTANT SAFETY INSTRUCTIONS:

When using electrical products, basic precautions should always be practiced including the following:

1. **READ AND FOLLOW ALL SAFETY INSTRUCTIONS.**
2. Do not use an extension cord with the power adapter.
3. Refer to the National Electrical Code ANSI/NFPA 70 for information about the installation of wiring and clearances from power and lighting conductors.
4. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
5. Do not install or use within 10 feet of a pool.
6. Do not use in a bathroom.
7. **WARNING! CAUTION!** Risk of electric shock. When used outdoors or in a wet location, install only to a covered Class A GFCI protected receptacle that is weatherproof with power adapter connected to the receptacle. If a correct GFCI protected receptacle is not currently installed, contact a qualified electrician for proper installation. Ensure that nothing interferes with completely closing receptacle cover.

WARNING! CAUTION! Risk of fire. Installation involves special wiring methods to run wiring through a building structure. Consult a qualified electrician.

SAVE THESE INSTRUCTIONS IN A SAFE PLACE.

