

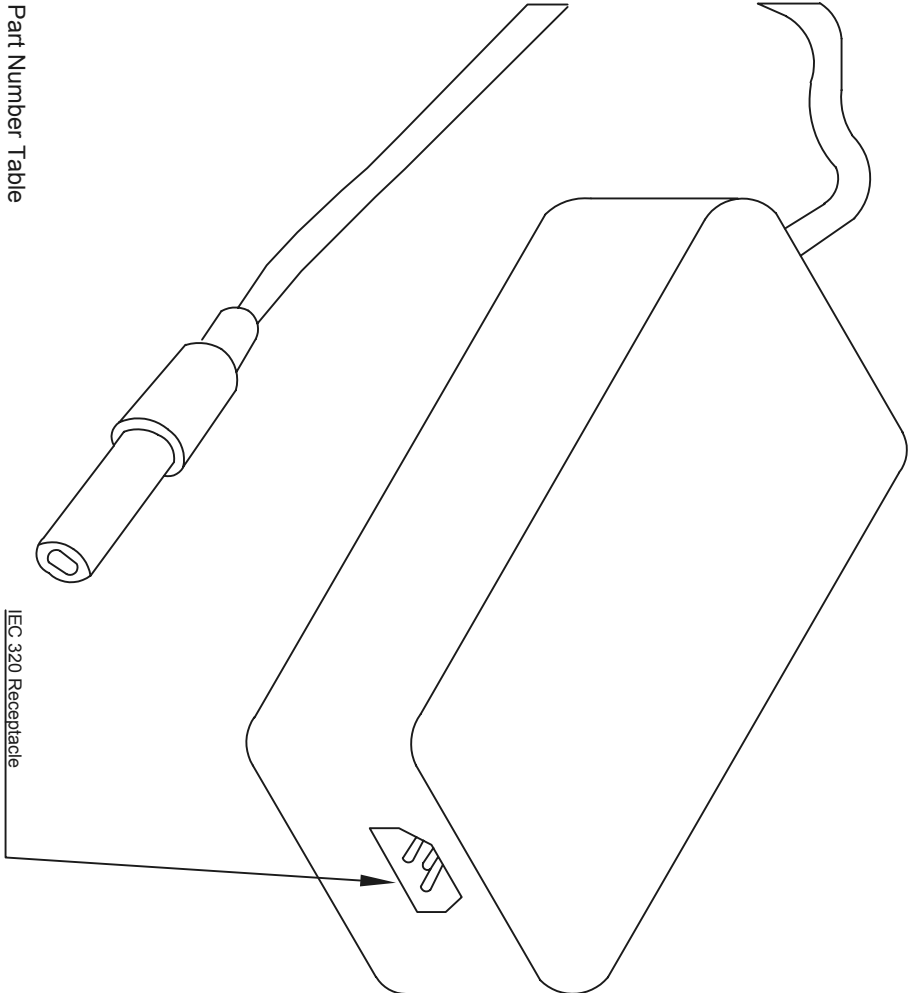


SPC
TECHNOLOGY

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SPC-F005.DWG

Size : 146mm (L) x 76mm (W) x 44mm (H)
Weight: 7kgs



IEC 320 Receptacle

Description

Part Number

Dimensions : Inches

40W AC - DC Single Output Switching Power Supply

SPC21999

TOLERANCES:

DISCLAIMER:
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:

DATE:

JAG

01-08-10

CHECKED BY:

DATE:

MRD

03-08-10

APPROVED BY:

DATE:

XXX

16-08-10

REVISIONS

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
			JAG	01-08-10	MRD	03-08-10	XXX	16-08-10

DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398

Specifications:

- DC Output Voltage : 12V
- Output Voltage Tol : $\pm 3\%$
- Output Rated Current : 5A
- Output Current Range : 0 ~ 5A
- Ripple and Noise : 100mVp-p
- Line Regulation : $\pm 1\%$
- Load Regulation : $\pm 3\%$
- DC Output Power : 60W
- Efficiency : 74%
- DC Voltage Adj : Fixed
- Input Voltage Range : 90~260VAC, 47~63Hz
- AC Current : 1.6A/230VAC
- Inrush Current : Cold Start <60A Peak/230VAC
- Leakage Current : <0.35mA/240VAC
- Overload Protection : Pulsing Mode, Reset, Auto-Recovery
- Over Voltage Protection : 105% ~ 145%
- Temperature Coefficient : $\pm 0.03\%/^{\circ}\text{C}$ (0~50°C)
- Setup, rise, Hold-up-Time : 800ms, 50ms, 16ms
- Vibration : 10~500Hz, 2G, 3 Axis 10min/cycle, 1 hour/each axis
- Withstand Voltage : I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, O/P-FG: 0.5kVAC for 1 minute
- Isolation Resistance : I/P-O/P, I/P-FG, O/P-FG: 500VDC/100Megachms minimum
- Operating Temp. Humidity : 0°C~25°C @ 100% Load, 40°C @ 50% Load, 20%~90%RH
- Storage Temp. Humidity : -20°C~85°C, 10%~95%RH
- Length of Output Cable : 180cm with SPT-1, 18AWG, 2 conductor
- DC Output Plug : $\varnothing 2.1\text{mm}$ x $\varnothing 5.5\text{mm}$ x 11mm (Center= "Positive")
- Safety Standards : CSA22.2, UL1950, TUV EN60950 Approved
- EMC Standards : EN5022, IEC801-2, 3, 4 verification
- Short Circuit Protected

NOTE:

- All parameters are specified at 230VAC input, 25°C 70 % RH, Ambient.
- Tolerance includes set up tolerance, line regulation, load regulation
- Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1 mF and 47 mF capacitor.
- Line regulation is measured from low line to high line at rated load.
- Load regulation is measured from 0 % to 100 % rated load

DRAWING TITLE:

40W AC – DC Single Output Switching Power Supply

SIZE DWG. NO.

XXX

XXX

ELECTRONIC FILE

95B1382

REV

A

SCALE: NTS

U.O.M.: INCHES [mm]

SHEET:

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OF

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