

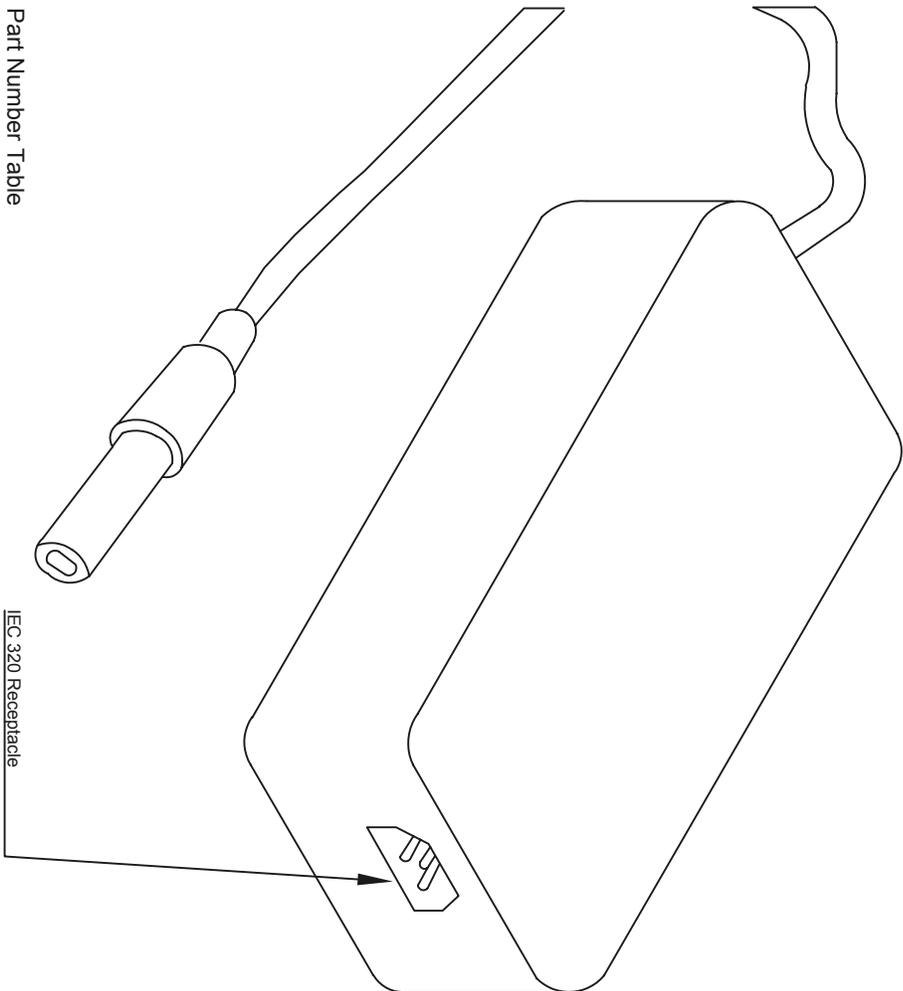


SPC
TECHNOLOGY

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SPC-F005.DWG

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



IEC 320 Receptacle

Part Number Table	
Description	Part Number
40W AC - DC Single Output Switching Power Supply	SPC21999

Dimensions : Inches

TOLERANCES:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

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.

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 : ±3%
- Output Rated Current : 5A
- Output Current Range : 0 ~ 5A
- Ripple and Noise : 100mVp-p
- Line Regulation : ±1%
- Load Regulation : ±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 : ±0.03%/°C (0~50°C)
- Setup, rise, Hold-up-Time : 800ms, 50ms, 16ms
- Vibration : I/P-O/P: 3KVAC, I/P-F/G: 1.5KVAC, O/P-F/G: 0.5KVAC for 1 minute
- Withstand Voltage
- Isolation Resistance : I/P-O/P, I/P-F/G, O/P-F/G: 500VDC/100Megaohms 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 : Ø2.1mm x Ø5.5mm x 11mm (Center="Positive")
- Safety Standards : CSA22.2, UL1950, TUV EN60950 Approved
- EMC Standards : EN55022, 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:		DRAWING BY:		DATE:		DRAWING TITLE:		DRAWING BY:		DATE:	
40W AC - DC Single Output Switching Power Supply		JAG		01-08-10		40W AC - DC Single Output Switching Power Supply		JAG		01-08-10	
SIZE		CHECKED BY:		DATE:		SIZE		CHECKED BY:		DATE:	
XXX		MRD		03-08-10		XXX		MRD		03-08-10	
SCALE:		APPROVED BY:		DATE:		SCALE:		APPROVED BY:		DATE:	
NTS		XXX		16-08-10		NTS		XXX		16-08-10	
U.O.M.: INCHES [mm]		ELECTRONIC FILE		SHEET:		U.O.M.: INCHES [mm]		ELECTRONIC FILE		SHEET:	
		95B1382		1 OF 1				95B1382		1 OF 1	
		REV						A			