



SPC  
TECHNOLOGY

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SPC-F005.DWG

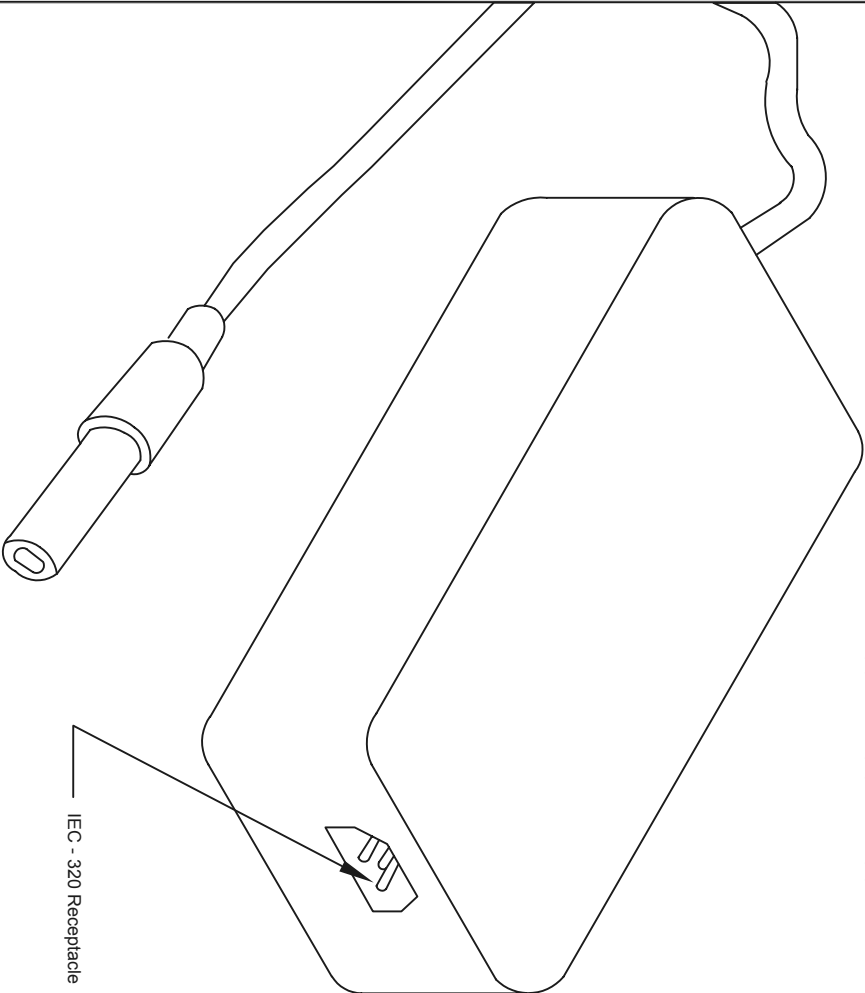
REVISIONS

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



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



Specifications:

- DC Output Voltage: 24V
- Output Voltage Tol: ±3%
- Output Rated Current: 1.66A
- Output Current Range: 0 ~ 1.66A
- Ripple and Noise: 100mVp-p
- Line Regulation: ±1%
- Load Regulation: ±3%
- DC Output Power: 40W
- Efficiency: 78%
- DC Voltage Adj: Fixed
- Input Voltage Range: 90~260VAC, 47~63Hz
- AC Current: 1A/230VAC
- Inrush Current: Cold Start <60A Peak/230VAC
- Leakage Current: <0.35mA/240VAC
- Overload Protection: Pulsing Mode, Reset, Auto-Recovery
- Over Voltage Protection: 115% ~ 145%
- Temperature Coefficient: ±0.03%/°C (0~50°C)
- Setup, rise, Hold-up-Time: 300ms, 50ms, 16ms
- Vibration: 10~500Hz, 2G, 10min/cycle, period for 60 minutes/each axis
- Withstand Voltage: I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC for 1 minute
- Operating Temperature Humidity: 0°C~40°C @ 100% Load, 20%~90%RH
- Length of Output Cable: 180cm
- Isolation Resistance: I/P-O/P, I/P-FG: 500VDC/100Megaohms minimum
- DC Output Plug: Ø2.1mm x Ø5.5mm x 11mm (Center="Positive")
- Safety Standards: CSA22.2, UL1950 Approved
- Short Circuit Protected
- Storage Temperature Humidity: -20°C~85°C, 10%~95%RH

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

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

Part Number Table

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:	JAG	DATE:	01-08-10
CHECKED BY:	MRD	DATE:	03-08-10
APPROVED BY:	XXX	DATE:	16-08-10

DRAWING TITLE:		40W AC - DC Single Output Switching Power Supply	
SIZE	DWG. NO.	ELECTRONIC FILE	REV
XXX	XXX	95B1385	A
SCALE:	NTS	U.O.M.: INCHES [mm]	SHEET: 1 OF 1