



SPC
TECHNOLOGY

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SPC-F005.DWG

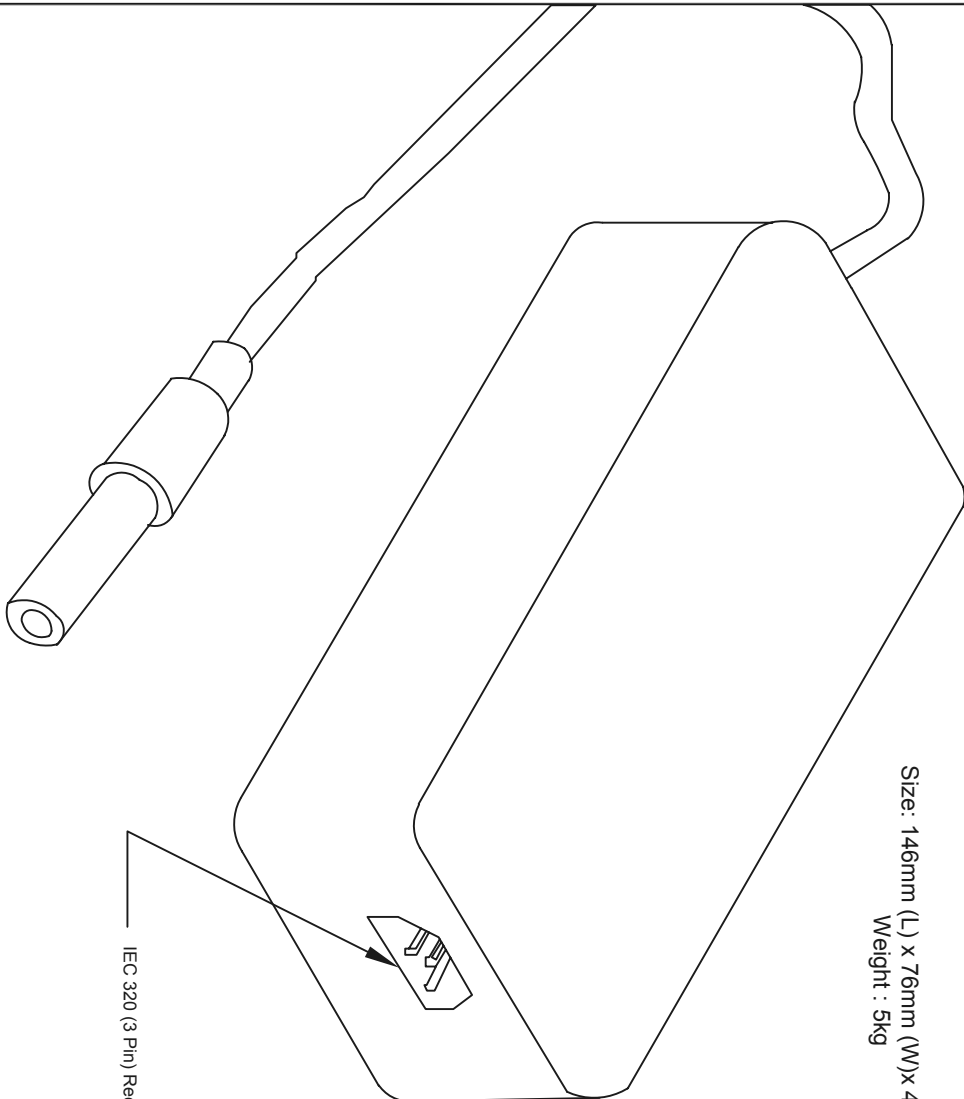
REVISIONS

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)
Weight : 5kg



IEC 320 (3 Pin) Receptacle

Specifications:

- DC Output Voltage : 12V
- Output Voltage Tol : ±3%
- Output Rated Current : 3.33A
- Output Current Range : 0 ~ 33A
- Ripple and Noise : 100mVp-p
- Line Regulation : ±1%
- Load Regulation : ±3%
- DC Output Power : 40W
- Efficiency : 74%
- 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 : 110% ~ 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-F/G: 1.5kVAC for 1 minute
- Isolation Resistance : I/P-O/P, I/P-F/G: 500VDC/100Megaohms minimum
- Operating Temp Humidity : 0°C~40°C @ 100% Load, 20%~90%RH
- Storage Temp Humidity : -20°C~85°C, 10%~95%RH
- Length of Output Cable : 180cm
- DC Output Plug : Ø2.1mm x Ø5.5mm x 11mm (Center "+")
- Safety Standards : UL1950, CSA22.2 Approved
- EMC Standards : EN55022, IEC801-2, 3, 4 verification

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.

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

DRAWING TITLE:		DRAWING NO.		ELECTRONIC FILE		REV	
40W AC ? DC Single Output Switching Power Supply		40W AC ?		95B1379		A	
SCALE:	NTS	U.O.M.:	INCHES [mm]	SHEET:	1	OF	1