



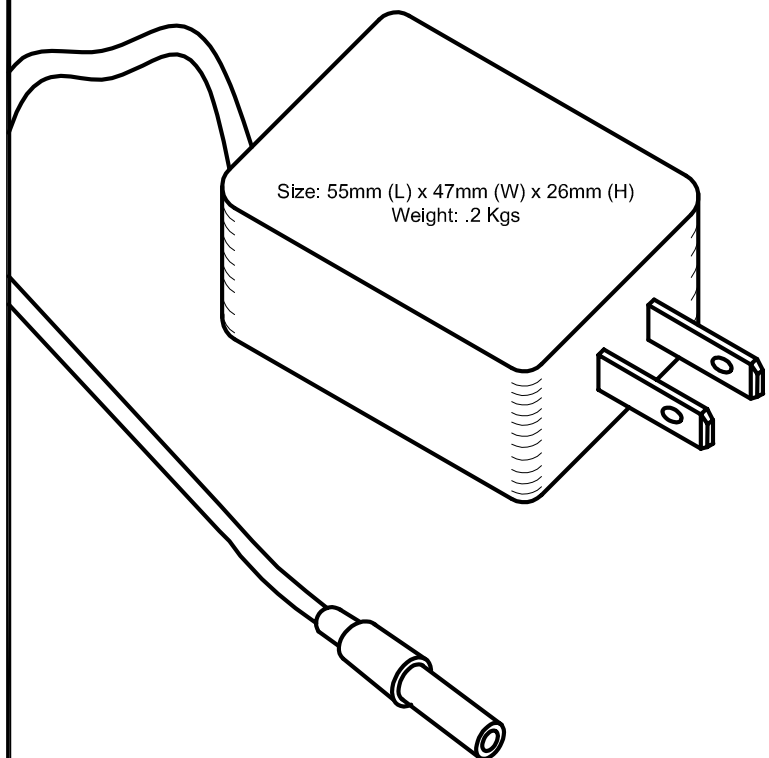
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SPC-F005.DWG

REVISIONS

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

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
848	A	Released	JWM	12/3/02	HO	12/3/02	DJC	12/3/02



Size: 55mm (L) x 47mm (W) x 26mm (H)
Weight: .2 Kgs

Specifications:

1. DC Output Voltage: 5V
2. Output Voltage Tol: $\pm 5\%$
3. Output Rated Current: 1.5A
4. Output Current Range: 0 ~ 1.5A
5. Ripple & Noise: 50mVp-p
6. Line Regulation: $\pm 1\%$
7. Load Regulation: $\pm 5\%$
8. DC Output Power: 7.5W
9. Efficiency: 70%
10. DC Voltage Adj: Fixed
11. Input Voltage Range: 90~264VAC, 47~63Hz
12. AC Current: 0.5A/115VAC
13. Inrush Current: Cold Start <30A, Peak/115VAC
14. Overload Protection: Pulsing Mode, Reset: Auto-Recovery
15. Over Voltage Protection: 105%~145%
16. Over Temp Protection: 135°C (Typical), Thermal Shutdown
17. Temp Coefficient: $\pm 0.04\%$ /°C (0~50°C)
18. Setup, rise, Hold-up-Time: 300ms, 50ms, 12ms
19. Vibration: 10~200Hz, 2G 10min/1 Cycle, PERIOD FOR 60 Min. EACH AXIS
20. Withstand Voltage: I/P-O/P: 3kVAC 1 Min.
21. Operating Temp., Humidity: 0°C~30°C @ 100% Load, 40°C @ 60% Load, 20%~90% RH
22. Storage Temp., Humidity: -20°C~+85°C, 10%~95% RH
23. Length of Ouput Cable: 70", SPT-1, 20AWG, 2 Conductor
24. DC Output Plug: $\varnothing 2.1\text{mm} \times \varnothing 5.5\text{mm} \times 11\text{mm}$ (Center Positive)
25. Isolation Resistance: I/P-O/P >100 Megohms
26. Safety Standards: CSA22.2, UL1950, Approval
27. EMC Standards: EN55022, EN50082-1, EN61000-4-2, 3, 4, 5, 6, 11 verification

Notes:

1. All parameters are specified at 115VAC input, rated Load, 25°C 70 % RH ambient
2. Tolerance include set up tolerance, line regulation, load regulation
3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1 μ F & 47 μ F capacitor
4. Line regulation is measured from low line to high line at rated load
5. Load regulation is measured from 20 % to 100% rated load

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.

TOLERANCES, UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
Jeff McVicker	12/3/02
CHECKED BY:	DATE:
Hisham Odish	12/3/02
APPROVED BY:	DATE:
Daniel Carey	12/3/02

DRAWING TITLE: 7.5W AC-DC Single Output Switching Power Supply			
SIZE A	DWG. NO. SPC9792	ELECTRONIC FILE 95B1456.dwg	REV A
SCALE: NTS	U.O.M.: Millimeters	SHEET: 1 OF 1	