



SPC
TECHNOLOGY

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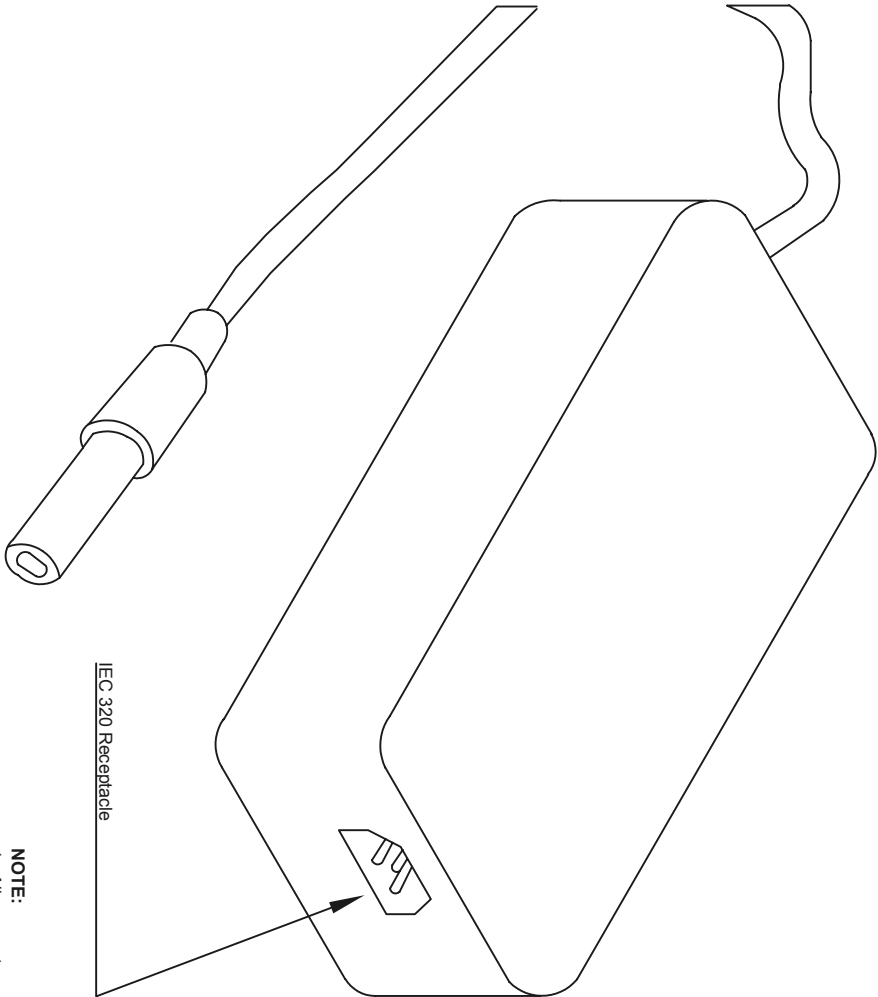
SPC-F005.DWG

REVISIONS

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
			JAG	01-08-10	MRD	05-08-10		

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

Size: 106mm (L) x 65mm (W) x 30mm (H)
Weight: 23kgs



IEC 320 Receptacle

Specifications:

- DC Output Voltage : 5V
- Output Voltage Tol : ±5%
- Output Rated Current : 3A
- Output Current Range : 0 TO 3A
- Ripple & Noise : 50mVp-p
- Line Regulation : ±1%
- Load Regulation : ±5%
- Rated Output Power : 15W
- Efficiency : 70%
- Dc Voltage Adj : Fixed
- Input Voltage Range : 90 TO 264VAC, 47 TO 63Hz
- AC Current : 0.7A/230VAC
- Inrush Current : Cold Start <30A Peak/230VAC
- Leakage Current : <0.355mA/240VAC
- Overload Protection : pulsing Mode, Reset, auto-recovery
- Over Voltage Protection : 110% TO 145%
- Over Temp Protection : 135°C (Typical) Thermal shutdown
- Temp Coefficient : ± 0.03% /°C (0 TO 50° C)
- Setup, rise, Hold-up-Time : 300ms, 50ms, 16ms
- Vibration : 10 TO 500Hz, 2g 10 min/1 Cycle, PERIOD FOR 60 Minutes EACH AXIS
- Withstand Voltage : I/P TO O/P: 3KVAC, I/P TO FG: 1.5KVAC for 1 Minute
- Isolation Resistance : I/P TO O/P, I/P TO FG: 500VDC / 100 Megohms Minimum
- Operating Temp, Humidity : 0°C TO 40°C @ 100% Load, 40°C @ 60% Load, 20% TO 90% RH 24. Length of Output Cable: 180cm
- DC Output Plug : Ø2.1mm x Ø 5.5mm x 11mm (Center ="Positive")
- Safety Standards : CSA22.2, UL1950, TUV EN60950 BS7002 Approved
- EMC Standards : EN55022 verification
- Short Circuit Protected



Part Number Table

Description	Part Number
15W AC - DC Single Output Switching Power Supply	SPC22006

TOLERANCES:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY: JAG DATE: 01-08-10

CHECKED BY: MRD DATE: 05-08-10

APPROVED BY: XXX DATE: 16-08-10

DRAWING TITLE:

15W AC - DC Single Output Switching Power Supply

SIZE: XXX DWG. NO. XXX

SCALE: NTS U.O.M.: INCHES [mm]

ELECTRONIC FILE: 95B1453

REV: A

SHEET: 1 OF 1

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.

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