

PROPRIETARY INFORMATION:				REVISION	
REV	DESCRIPTION			DATE	APPROVED
A	INITIAL RELEASE		04/04/03		PM

1. NOTES:

DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.

2. ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:	90 VAC TO 264 VAC
INPUT CURRENT:	< 0.5 A RMS AT 90 VAC INPUT
INPUT FREQUENCY:	47 - 63 HZ
OUTPUT VOLTAGE / CURRENT:	+ 9 VDC AT 0 - 550 mA
OUTPUT CURRENT :	NO LOAD TO FULL LOAD, NO MINIMUM LOAD REQUIRED
OUTPUT POWER (RATED):	5 WATTS MAX
OUTPUT RIPPLE (PEAK TO PEAK):	< 100 mV P-P OR 1, WHATEVER IS SMALLER
OUTPUT REGULATION (LINE/LOAD):	± 5 % FOR MAIN OUTPUT, MEASURED AT O/P CONNECTOR
LINE REGULATION:	± 0.5 % MAX AT FULL LOAD
TURN ON/ TURN OFF OVERSHOOT:	4% MAX 500uS MAX RECOVERY TIME FOR 25% STEP LOAD
TURN-ON DELAY:	1000 mSEC MAX
HOLD-UP TIME:	16 mSEC MIN AT NOMINAL INPUT AND FULL LOAD
INRUSH CURRENT:	20 A MAX AT COLD START N.A.
EFFICIENCY:	75 % TYPICAL.
SWITCHING FREQUENCY:	100 KHZ TYPICAL
OVER-CURRENT/SHORT CIRCUIT PROTECTION:	1.1-1.3 Io CONSTANT CURRENT LIMITING WITH AUTORECOVERY
OVER-VOLTAGE PROTECTION:	VOLTAGE LIMITED LESS 130% OF NOMINAL VOLTAGE
OTHER PROTECTION:	INPUT FUSING
SAFETY APPROVALS :	UL 60950, CUL, CLASS II
DIELECTRIC WITHSTAND VOLTAGE:	3000 VAC PRIMARY TO SECONDARY
LEAKAGE CURRENT:	≤ 0.25 mA
EMI:	FCC PART 15 CLASS B WHEN TESTED WITH A RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED
MTBF:	SHALL BE 50,000 HOURS OR GREATER AT 25 °C AMBIENT TEMPERATURE.
OPERATING TEMPERATURE:	0°C TO 70° C DERATE LINEARLY FROM 100% AT 40° C TO 50% AT 70°C
STORAGE TEMPERATURE:	-40° TO 80° C
HUMIDITY:	0 TO 90% RELATIVE HUMIDITY
WEIGHT:	90 g MAX

DASH NO.	PART NO			REV.	DESCRIPTION		NOTES			
TABULATION BLOCK										
REVISION	A	A	A		TOLERANCES: DECIMALS ANGULAR .xx +/- .01 +/- 1° .xxx +/- .005	 GlobTek, Inc. www.globtek.com	186 Veterans Dr. Northvale, NJ 07647 Tel. 201-784-1000 Fax 201.784.0111			
SHEET	1	2	3		MILLIMETERS ANGULAR .xx +/- .03 +/- 1° .xxx +/- .013					
INIT.BY: DR	DATE: 04/04/03		FSCN No.: G, F SIZE A CAGE CODE: 0GV V90 SCALE: NONE	DWG TITLE: N.A. WALL PLUG-IN SWITCHING POWER SUPPLY, 5 WATT, 9.0 V DC @ 0.550 A			REV. A SHEET 1 OF 3			
DRAWN: NF	DATE: 04/04/03			MODEL NO: GT-A81051-0509UW2						
APRVD :PM	DATE: 04/04/03			PART NO: WR9HD550LCP-F						

PROPRIETARY INFORMATION:

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REVISION

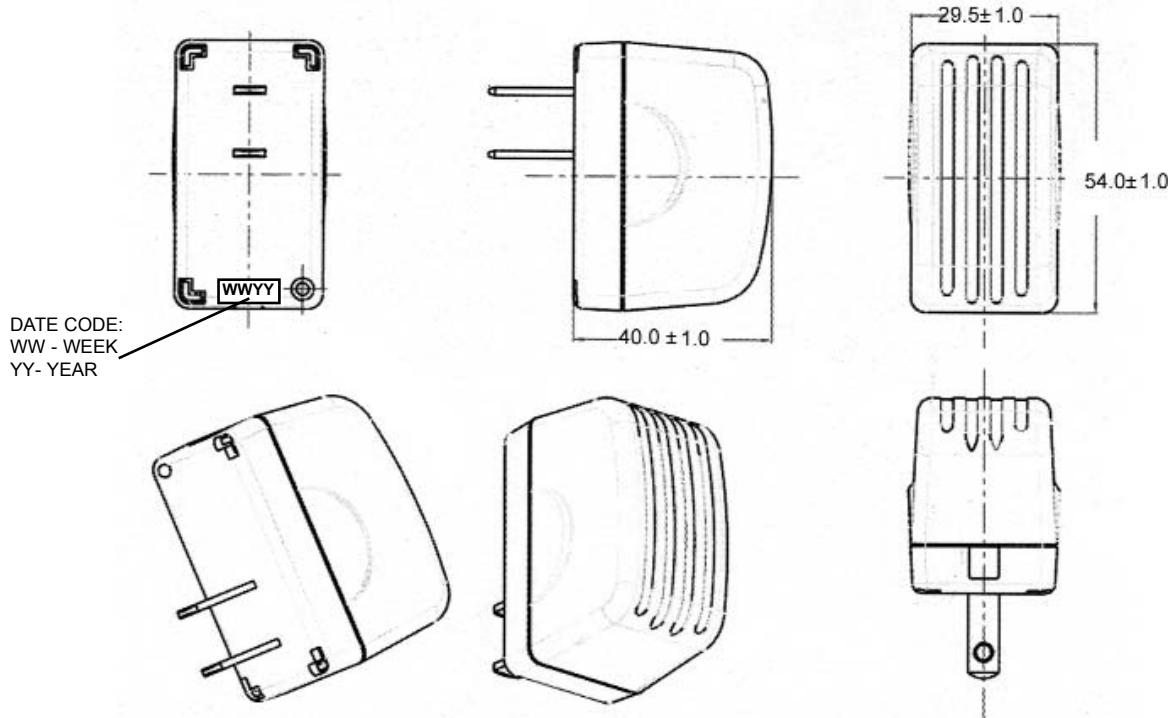
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3. ENCLOSURE:

UPPER HOUSING: HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED, COLOR BLACK

LOWER HOUSING: HIGH IMPACT PLASTIC 94V0 POLYCARBONATE, NON- VENTED, COLOR BLACK

SIZE: $54.0 \times 40.0 \times 29.5 \pm 1$ mm

**4. INPUT CONNECTOR:**

CONFIGURATION: CLASS II MODEL NEMA 1-15P AC POWER RECEPTACLE WITH 2 PRONGS, P/O LOW PROFILE MOUNTING SURFACE (A)

5. OUTPUT CORD:

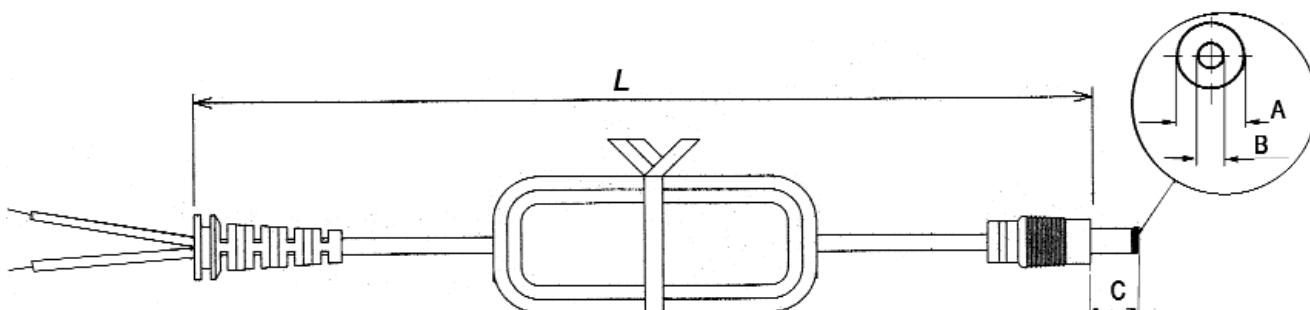
2 CONDUCTOR, 20 AWG STRANDED WIRE, FLAT VW-1 RATED UL 2468, COLOR BLACK, LENGTH (L) OF CORD: 1830 ± 50 mm.

CORD IS MEASURED FROM THE HOUSING TO THE END OF OVERTMOLD OF THE CONNECTOR.

CABLE IS TO BE MARKED WITH WIRE GAUGE, AND ALL APPLICABLE RATING AND SAFETY APPROVALS.

6. OUTPUT CONNECTOR:

STANDARD, STRAIGHT FEMALE BARREL $5.5 \times 2.5 \times 11$ mm WITH CENTER POSITIVE.:



$$A = 5.5 \text{ mm}$$

$$B = 2.5 \text{ mm}$$

$$C = 11 \text{ mm}$$

 **GlobTek, Inc.**
www.globtek.com

186 Veterans Dr. Northvale, NJ 07647
Tel. 201-784-1000 Fax 201.784.0111

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5 WATT, 9.0 V DC @ 0.550 A

MODEL NO: GT-A81051-0509UW2

REV.
A

PART NO: WR9HD550LCP-F

SHEET 2 OF 3

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7. LABEL:

MATERIAL: .007 (0.18) THICK FLAT THERMAL TRANSFER, IMPRINTABLE, WHITE OR GRAY POLYESTER SHEET WITH BLACK TEXT.

MANUFACTURER: STEVEN LABEL, MATERIAL I.D. NO.3302-33, UL FILE NO. MH12821(N), UL MATERIAL DESIGNATION FILE NO. GHW332RL. OPTIONAL LABEL MATERIAL CAN BE SUBSTITUTED PROVIDING MATERIAL IS UL LISTED AND COMPLIES WITH APPLICABLE SAFETY REQUIREMENTS.

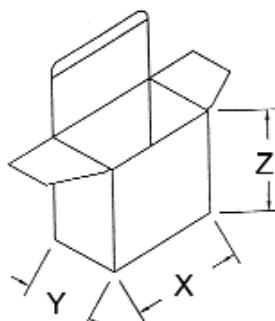


XXXX - USA OR CHINA

8. INDIVIDUAL PACKING BOX:

MATERIAL: CORRUGATED FIBERBOARD, FLUTE 0.8 (2.0) THICK, DOUBLE WALL CONSTRUCTION.

EXTERNAL FINISH: WHITE, COATED WITH GLOSS FINISH (AQUEOUS OR VARNISH) STYLE: TUCK SIDES WITH LOCKING TABS ON BOTH SIDES OF BOX. NO PRINTING ON THE OUTSIDE OF BOX.



X = 80 mm

Y = 35 mm

Z = 60 mm



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