Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GT-86120-1005-W2, ITE Power Supply, Efficiency Level: VI, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V , 50/60Hz, N. America NEMA 1-15 Fixed , Output Rating: 10W, 5V@2A, Output Configuration: 1530 mm, 20/2 Cond, UL 2468, Micro-B USB 5 Pin Type "B" or Equal, Ferrite: None, GlobTek Black, GT Cord # C3962, Pin Out: 1= Positive (+), 2= D-; 3= D+, 4= NC, 5= Common (-) PINS 2 and 3 SHORTED, Blades/Input Cord: Fixed Blades North American 1-15P, Approvals: SGS GS EAC WEEE PSE CE China RoHS Double Insulation Level VI LPS RoHS VCCI PSE Ukraine cUL FCC CB	
	Model No. GT-86120-1005-W2	
	Part No./Ordering No. WR9HA2000UUSB-F(R6B)	Rev B

REVISION HISTORY

REV	DESCRIPTION	SUB	DATE	APPROVED
B	Update approval Update packaging Update deviation note	rchiu	11/21/2017	QA
A	Initial release.	emcna	04/20/2016	QA

In Addition to GlobTek Inc.'s renewed ISO9001:2008 - Quality Management System Certification, GlobTek Inc. is now certified to:

      ISO13485:2003 - Medical Devices Quality Management System Certification
      ISO14001:2004 - Environmental Management System Certification

ISO Certificates are available online at http://www.globtek.com/iso-certificates/

Customer Approval of Specification:

Please approve, sign and send back to GlobTek so we can complete order processing.
A delay in receipt of this form will delay delivery schedule.
Company Name:
Customer P/N:
Quote Number:
Date:
Authorized Representative Name:

Authorized Representative Signature:

The acceptance of this specification and use of the product described in this document indicates the acceptance and binding of the customer to Globtek terms and conditions, which supersede all other agreements, terms, and conditions (http://en.globtek.com/terms-and-conditions/).

Footnote:

GlobTek Inc. will not be liable for the safety and performance of these power supplies if unauthorized access and repair occurs. End user should consult applicable UL, CSA or EN standards for proper installation instruction.

Limitation of Use:

GlobTek product are not authorized for use as mission critical components in life support hazardous environment, nuclear or aircraft applications without prior written approval from the CEO of GlobTek Inc.
Contents of this document are subject to change without prior notice.

GT-86120-1005-W2, 10W, 5V@2A, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor

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	Part No./Ordering No. WR9HA2000UUSB-F(R6B)	Rev B

POWER SUPPLY INFORMATION

TYPE:	Wall Plug-in
TECHNOLOGY:	Regulated Switchmode AC-DC Power Supply AC Adaptor
CASE COLOR:	GlobTek Black
NAMEPLATE RATED INPUT:	100-240V‐ , 50/60Hz, 0.5A
INPUT CONFIG:	N. America NEMA 1-15 Fixed
WATTS:	10.0
VOLTS OUT:	5
CURRENT OUT (Amps):	2
BLADE/CORD INCLUDED:	FBNA2:
BLADE/CORD INSTALLED:	FBNA2:
GROUNDING CONFIGURATION	(F1) Class II / Double Insulated
EFFICIENCY LEVEL:	VI
OUTPUT CONFIGURATION	1530 mm, 20/2 Cond, UL 2468, Micro-B USB 5 Pin Type "B" or Equal, Ferrite: None, GlobTek Black, GT Cord # C3962
CONNECTOR PIN OUT:	1= Positive (+), 2= D-; 3= D+, 4= NC, 5= Common (-) PINS 2 and 3 SHORTED
LABEL SPECS:	Standard GT,L-1186
PACK SPEC:	Standard WPI Q-NA installed, Individually Box

Notes/Modifications/Customizations (notes in this section supersede the values shown in the standard spec):

Note: At currents above 2A, the voltage decreases as current increases so that the current cannot exceed 2.4A.
DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.

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	Model No. GT-86120-1005-W2	
	Part No./Ordering No. WR9HA2000UUSB-F(R6B)	Rev B

ELECTRICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS:
01. Input Voltage: Specified 90-264 Vac, Nameplate rated: 100-240Vac
02. Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60Hz
03. Output Regulation: +/- 5%
04. Ripple and Noise (Vp-p): 100 mVp-p maximum, At 20 MHz, and output parallel with 0.1uF & 47uF capacitors to ground. Temperature at 25 °C, and nominal input voltage
05. Efficiency: Compliant with Efficiency Level VI and ErP *European* Commission's Ecodesign Directive (2005/32/EC) / CoC Tier 2 Compliant
06. No Load Standby Power: <0.075W @ 230Vac
07. Turn-ON Delay: 3 Seconds maximum at nominal input voltage
08. Rise Time: 100mS maximum at nominal input voltage

B) PROTECTION
01. Over-Voltage: 10VDC maximum
02. Over current protection: 4A maximum with auto-recovery function
03. Short Circuit: Short circuit protection is to be included in the construction of the adaptor. The adaptor is designed to withstand continuous current of a short circuit on the output. The adaptor will be short circuit tolerant for an indefinite period.

C) SAFETY
01. Dielectric Withstand Voltage: 3000VAC 10mA 1minute or 4242VDC 10mA 1minute from primary to secondary
02. Leakage current: 0.25mA maximum, at nominal AC input voltage and frequency
03. Static Discharge Immunity of 8kV Contact Discharge, 15kV air discharge.

D) OTHER:
01. MTBF: 200,000 Hours @ 25°C ambient temperature
02. Operating Temperature: 0°C to 50°C ambient temperature (RFP7139)
03. Humidity: 5% to 90% relative humidity
04. Storage Temperature: -20°C to 60°C
05. Cooling: natural convection cooling
06. ROHS 2: Complies with EU 2011/65/EU and China SJ/T 11363-2006

E) ENCLOSURE
01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
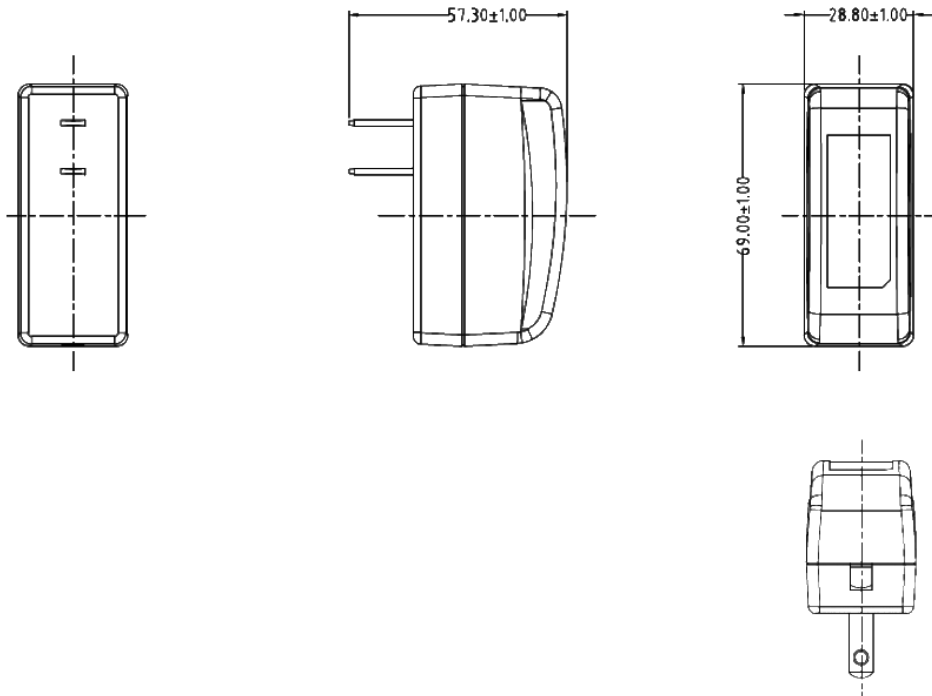02. Markings: Label and/or Pad Printed and/or Molded in the case

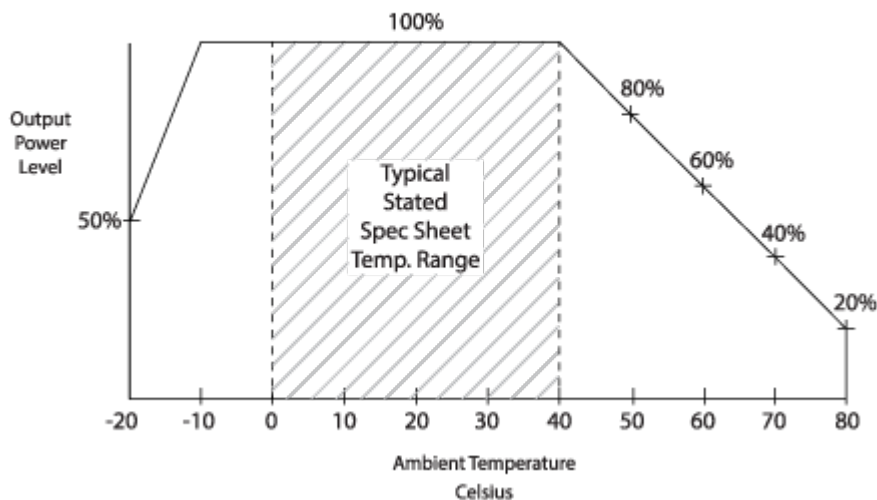| GlobTek, Inc.
www.globtek.com
186 Veterans Drive,
Northvale, NJ 07647
Tel. (201) 784-1000
Fax (201) 784-0111 | Drawing Title: GT-86120-1005-W2, ITE Power Supply, Efficiency Level: VI, Case Color/Style: GlobTek Black, Wall Plug-in, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V , 50/60Hz, N. America NEMA 1-15 Fixed , Output Rating: 10W, 5V@2A, Output Configuration: 1530 mm, 20/2 Cond, UL 2468, Micro-B USB 5 Pin Type "B" or Equal, Ferrite: None, GlobTek Black, GT Cord # C3962, Pin Out: 1= Positive (+), 2= D-; 3= D+, 4= NC, 5= Common (-) PINS 2 and 3 SHORTED, Blades/Input Cord: Fixed Blades North American 1-15P, Approvals: SGS GS EAC WEEE PSE CE China RoHS Double Insulation Level VI LPS RoHS VCCI PSE Ukraine cUL FCC CB | |
| | Model No. GT-86120-1005-W2 | |
| | Part No./Ordering No. WR9HA2000UUSB-F(R6B) | Rev B |

DERATING CURVE

Typical External Power Supply Derating Curve
(For Efficiency Level V and Efficiency Level VI Products)

PROPRIETARY INFORMATION

PROPRIETARY OF GLOBTEK, INC. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING, IN WHOLE OR IN PART, IS HEREBY PROHIBITED EXCEPT AS SPECIFIED IN WRITING BY GLOBTEK, INC.

Page 4 of 10

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	Model No. GT-86120-1005-W2	
	Part No./Ordering No. WR9HA2000UUSB-F(R6B)	Rev B

INPUT CONFIGURATION

Grounding Configuration:
Blades/Cord Included: FBNA2:

Blades/Cord Installed: FBNA2:

NEMA 1-15P, North America Blades, Class II 2 Conductors
All NEMA 1 devices are two-wire non-grounding devices (hot-neutral) rated for 125 V maximum. NEMA 1-15P plugs have two parallel flat blades, 0.25 inches (6.35 mm) wide, 0.06 inches (1.524 mm) thick, 0.625-0.718 inches (15.875–18.256 mm) long, and spaced 0.5 inches (12.7 mm) apart.
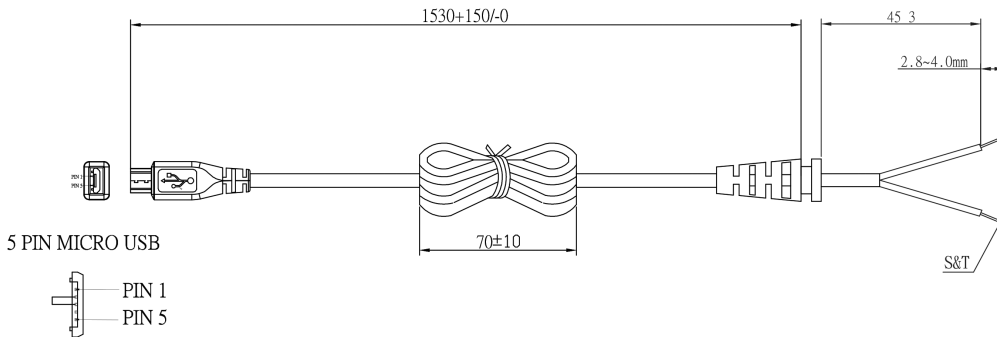
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OUTPUT CORD AND CONNECTOR: USBBU/C3962

ACTUAL CONNECTORS, OVERMOLDS, FERRITES MAY VARY SLIGHTLY FROM THE PICTURE BELOW

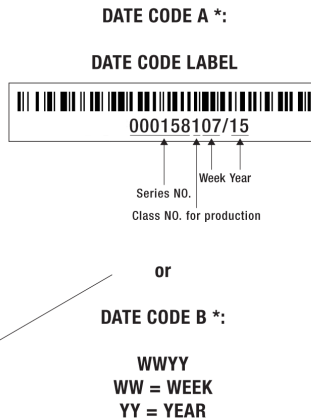|	
CABLE TYPE	UL 2468
CABLE LENGTH (mm)	1530
CABLE TOLERANCE (mm)	+150 -0
WIRE GAUGE (AWG)	20
CONDUCTORS	2
HANK DIMENSION (mm)	70 ± 10
CABLE / CONNECTOR OVERMOLD COLOR	GlobTek Black
FERRITE TYPE / DIMENSION	None
FERRITE # OF TURNS (Definition)	N/A
FERRITE DIMENSION FROM STRAIN RELIEF	N/A
FERRITE DIMENSION FROM PLUG	N/A
PLUG TYPE	Micro-B USB 5 Pin Type "B" or Equal
OVER MOLD ORIENTATION	Straight
CONNECTOR PIN OUT:	1= Positive (+), 2= D-; 3= D+, 4= NC, 5= Common (-) PINS 2 and 3 SHORTED
ADDITIONAL REQUIREMENTS	

5 PIN MICRO USB

PIN 1
PIN 5

ADDITIONAL OUTPUT PLUG OPTIONS ARE AVAILABLE AT http://www.globtek.com/connectors/
STANDARD PLUGS AND CONNECTORS CAN BE SEEN ONLINE AT http://www.globtek.com/connectors/

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LABEL:L-1186

LABEL P/N:	Standard GT
MATERIAL:	Flat Thermal Transfer, Imprintable, Polyester Label and/or Pad Printed and/or Molded, and/or Laser Engraved in the case
BACKGROUND COLOR:	Black if housing is Black, White or Silver if housing is White or Gray.
TEXT COLOR:	White or Silver if label is Black Background for Black housing. Black if label is White or Silver background and Housing is White or Gray
LABEL WIDTH (mm):	39.7
LABEL HEIGHT (mm):	16.2

Below is the minimum information which will appear on the label. NOTE: in the logo area additional/actual positioning of symbols and text is subjected to change as per agency updates/requirements or additional model approvals become available.

Regulatory certifications/label markings may be in logo area on the label or molded into the case housing outside the label area.

Information will be shown via label and/or pad printed and/or molded and/or laser engraved in the case. * Date code markings at GlobTek option.

A=ITE Power Supply
B=P/N: (料号) WR9HA2000UUSB-F(R6B)
C=Model (型号) GT-86120-1005-W2
D=Input (输入) 100-240V⎓, 50/60Hz, 0.5A
E=Output (输出)5 V ⎓ 2 A ,10.0W

AGENCY ONLINE DOCUMENTS	http://www.globtek.info/certs/GT-86120-WWVV-W2Z/
CE EC-Declaration for Medical	Contact GlobTek for more information
CE EC-Declaration for Industrial/Commercial/ITE	http://www.globtek.com/pdf/ec_declaration/a0Oa000000MiwtZEAR
RoHS/RoHS2 Declaration	http://www.globtek.com/pdf/rohs_cert/01ta0000006OaxqAAC
REACH Declaration	http://www.globtek.com/pdf/iso_certificates/REACH.pdf

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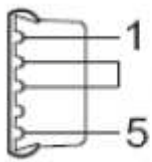Conflict Minerals Declaration   http://www.globtek.com/pdf/conflict-minerals.pdf

IPXY rating is based on 3rd party testing and customers should check suitability and test system level IPXY rating before ordering.

Regulatory Certifications/Label Markings

LATEST PRODUCT/MODEL CERTIFICATIONS: http://en.globtek.com/datasheet/id/a0Oa000000MiwtZ

AGENCY ONLINE DOCUMENTS: http://www.globtek.info/certs/GT-86120-WWVV-W2Z/

PINOUT:
PIN1:+5V
PIN2:D-
PIN3:D+
PIN4:N/C
PIN5:COM

1= Positive (+), 2= D-; 3= D+, 4= NC, 5= Common (-) PINS 2 and 3 SHORTED

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	Model No. GT-86120-1005-W2	
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PACKAGING

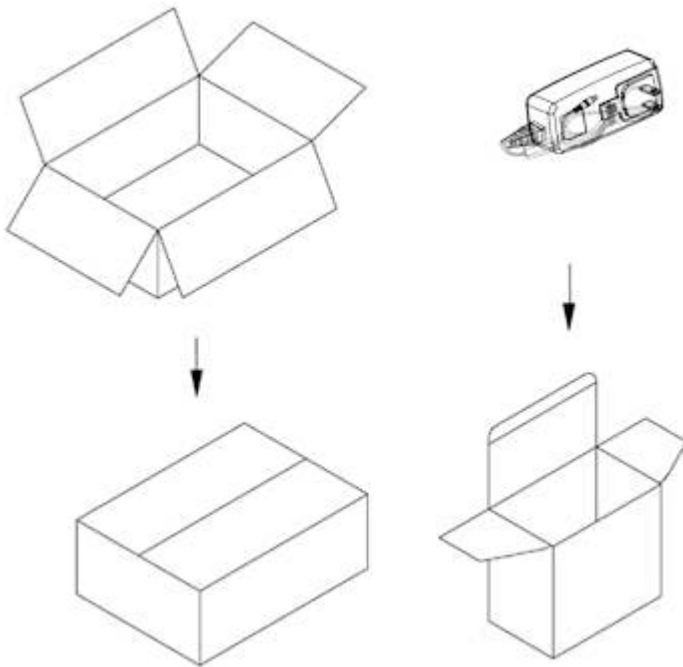| Packing Spec P/N:	Standard WPI Q-NA installed, Individually Box
Box Qty:	120
Gift Box Size (mm):	90*48*62
Gift Box Color:	White
Master Carton Size (mm):	388 x 380 x 245
Master GW (Kg):	15.2 kg
BLADES INCLUDED:	FBNA2:
BLADE/CORD INSTALLED:	FBNA2:

Power Supply & Blade(s) packaged together; see **above** "Blades Included" for actual blades included in the gift box.

If specific packaging is required, this section must specify all requirements and note "no exceptions". If this section does not specify packaging, it is subject to change without notice at GlobTek's discretion

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INSTRUCTION SHEET

N/A