

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-3619.5-1.5-R3A, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C6, , Output Rating: 36.00W, 18.0V@2.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C3775, Blades/Input Cord: R-Series 5-15P North America, Approvals:
	Model No. GTM96300-3619.5-1.5-R3A
	Part No./Ordering No. RR9LH2000T00NACIMR6B
	Rev B

In Addition to GlobTek Inc.'s renewed ISO9001:2015 - Quality Management System Certification, GlobTek Inc. is now certified to:

ISO13485:2016 - Medical Devices Quality Management System Certification

ISO14001:2015 - Environmental Management System Certification

ISO Certificates are available online at <https://www.globtek.com/iso-certificates/>

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 (attached to the end of this document), which supersede all other agreements, terms, and conditions (<https://www.globtek.com/terms-and-conditions/>).

The purchaser of this product (Customer) agrees that it is their sole responsibility to determine suitability/fitness of the product described in this specification for their application and to take precautions for protection against any hazards attendant to the handling and use of the product.

Footnote:

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

Limitation of Use:

GlobTek products are intended for use with commercial, medical, and/or industrial equipment only. 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.

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:

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REVISION HISTORY

REV	DESCRIPTION	SUB	DATE	APPROVED
B	Update Grounding configuration to F2	QA	11/29/2018	QA
A	Initial release	QA	05/09/2018	QA

POWER SUPPLY INFORMATION

TYPE	Wall Plug-in+Desktop Combination
TECHNOLOGY	Regulated Switchmode AC-DC Power Supply AC Adaptor
CASE COLOR	GlobTek Black
NAMEPLATE RATED INPUT	100-240V~, 50-60 Hz, 1.0A
INPUT CONFIG	IEC 60320/C6
WATTS	36.00
VOLTS OUT	18.0
CURRENT OUT (Amps)	2.0
BLADE/CORD INCLUDED	R-NA-3(R) R-Series 5-15P North America
BLADE/CORD INSTALLED	R-NA-3(R) :R-Series 5-15P North America
INGRESS PROTECTION	IP40 (cord), IP52(R-blades)
GROUNDING CONFIGURATION	(F2) Floating output, functional earth to center of pri-sec bridging capacitors
EFFICIENCY LEVEL	USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782 - Europe Code of Conduct on Energy Efficiency of External Power Supplies - Version 5
OUTPUT CONFIGURATION	1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C3775
OVERMOLDED	Yes
OUTPUT CONNECTOR GENDER	not applicable
CONNECTOR PIN OUT	Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE
LABEL SPECS	ISO 15223 medical device compliant label,L-1470
SPECIAL BARCODE LABEL MATERIAL	No
PACK SPEC	Cell packing for DT plug model with T00 plug and manual
USER MANUAL	809-DESKTOPUSERMANUAL on A4 paper

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

DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE

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ELECTRICAL SPECIFICATIONS

A) ELECTRICAL SPECIFICATIONS:

- 01. Input Voltage: Specified 90-264 Vac, Nameplate rated: 100-240Vac
90-264 Vac range @ 100% of rated load current
85-264 Vac range @ 85% of rated load current
110-370 VDC range @ 100% of rated load current
- 02. Input Frequency: Specified 47-63 Hz, Nameplate rated 50-60Hz
- 03. Output Regulation: +/- 5% measured at the output connector
- 04. Line Voltage Regulation: +/- 0.5% typical measured at full load
- 05. Output Ripple (Vp-p): 1% or 100 mV whichever is greater, measured at 20 MHz bandwidth with 0.1uF ceramic capacitor in parallel with a low impedance 47uF electrolytic capacitor connected at the end of the output connector
- 06. Turn-ON/OFF Overshoot: 5% maximum, 1 ms typical recovery time for 40% to 70% step load
- 07. Turn-ON Delay: 1 second maximum @ full load, nominal line
- 08. Hold-Up Time: 8 ms typical @ nominal input voltage and full load
- 09. Inrush Current: 30A/60A maximum cold start @ 115/230Vac input
- 10. Efficiency: Compliant with Efficiency Level VI and CoC Tier 2 standards
- 11. No Load Standby Power: <0.075 W @ 230Vac

B) PROTECTION

- 01. Input Protection: Input line fusing and 300Vac MOV
- 02. Short Circuit/ Overload: Electronically protected; output will auto recover upon removal of fault
Output Current Limit: 110% to 160% of rated output current
(upper end of current limit range is determined by normal output power rating, not derated output power level)
- 03. Output Over-Voltage: 110% to 130% of nominal output voltage

C) SAFETY

- 01. Dielectric Withstand Voltage: 4000Vac or 5656Vdc from input to output,
On Class I models, 3000Vac or 4242Vdc from input to earth
- 02. Earth Leakage Current: Class I models < 300uA, N/A for Class II models
- 03. Touch Current: Class I models < 20uA, Class II models < 75uA
- 04. Earth Continuity Test: < 0.1 Ohm between earth pin at AC input and PCB termination point (Class I models only)
- 05. Means of Protection: 2 x MOPP primary-to-secondary
- 06. Compliant Standards: See listings at end of this drawing for specifics
- 07. Output Isolation Options:
 - a) C8 or C18 Inlet, Class II
 - b) C6 or C14 Inlet, Class II FE, output isolated from earth contact
 - c) C6 or C14 Inlet, Class I, Output negative directly attached to earth contact

D) EMC

- EN 60601-1-2, 4th edition
- Emissions, per EN 55032, EN 61000-6-3, EN 61000-6-4, CISPR11 and CISPR22
 - Conducted Emissions: Class B, FCC Part 15, Class B
 - Radiated Emissions: Class B, FCC Part 15, Class B
 - Line Frequency Harmonics EN61000-3-2, Class A

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Voltage Fluctuations/Flicker EN61000-3-3

Immunity, per EN 55035, EN 61000-6-1, EN 61000-6-2

Static Discharge Immunity EN61000-4-2, 10KV Contact Discharge, 20KV air discharge

Radiated RF Immunity EN61000-4-3, 10V/m 80-1000MHz, 3V/m 1-2.7GHz, 80% 1KHz AM.

EFT/Burst Immunity EN61000-4-4, 4KV/100KHz.

Line Surge Immunity EN61000-4-5, 2KV differential, 4KV common-mode

Conducted RF Immunity EN61000-4-6, 3Vrms, 80% 1KHz AM

Power Frequency Magnetic Field Immunity EN61000-4-8, 3A/m

Voltage Dip Immunity EN61000-4-11, Performance Criteria B/C

- E) OTHER:
- 01. MTBF: 1,000,000 Hours @ 40°C ambient temperature, full load
 - 02. GTM96300 Family: -10°C to 40°C ambient temperature with full load
 - Regarding Operating Temperature,
 - a- See below derating table for output power capability at alternate temperature
 - b- Extended low end temperature range available as custom option
 - 03. Operating Humidity: 0% to 95% relative humidity, non-condensing
 - 04. Storage Temperature: -30°C to 80°C
 - 05. Operating Altitude: 5000 meters
 - 06. ROHS: Compliant with latest regulations, see approvals section below

- F) ENCLOSURE
- 01. Housing: High impact plastic, 94V0 polycarbonate, non-vented
 - 02. Markings: Label or Laser Printed
 - 03. AC Input mechanical options: Desktop C6, C8, C14 or C18 IEC Inlet.
 - Hybrid option (Desktop or Changeable Blade Wall Plug-in) Class I or Class II input

- G) SPECIAL OPTIONS
- 01. Cost reduction, removal of LED
 - 02. Custom cordsets, various cordage types, and connector types
 - 03. Custom markings
 - 04. Short term output surge capability
 - 05. Reduced leakage current versions
 - 06. Tightened output voltage tolerance
 - 07. Reduced output ripple level
 - 08. Reduced output power rating marking
 - 09. High reliability PCB laminate with plated through holes for IPC610 Class 2 compliance
 - 10. Special housing colors and cordset colors

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11. Quasi constant current output, for battery charger applications
12. Back EMF applications, custom solutions. For unusual motor load aps and other high inductance reverse energy flow requirements
13. Improved ingress protection rating

TO ADDRESS SYSTEM-LEVEL EMI CONCERNS, FERRITE CHOKES/BEADS MAY BE ADDED/REVISED UPON REQUEST. A SAMPLE KIT OF GLOBTEK’S STANDARD FERRITES IS AVAILABLE UNDER GLOBTEK P/N: EMI-MITIGATION-KIT1

FOR ADDITIONAL INFORMATION, PLEASE READ OUR WHITE PAPER AT: <https://r.globtek.info/3QeaqtD>

INGRESS PROTECTION: IP40 (cord), IP52(R-blades)

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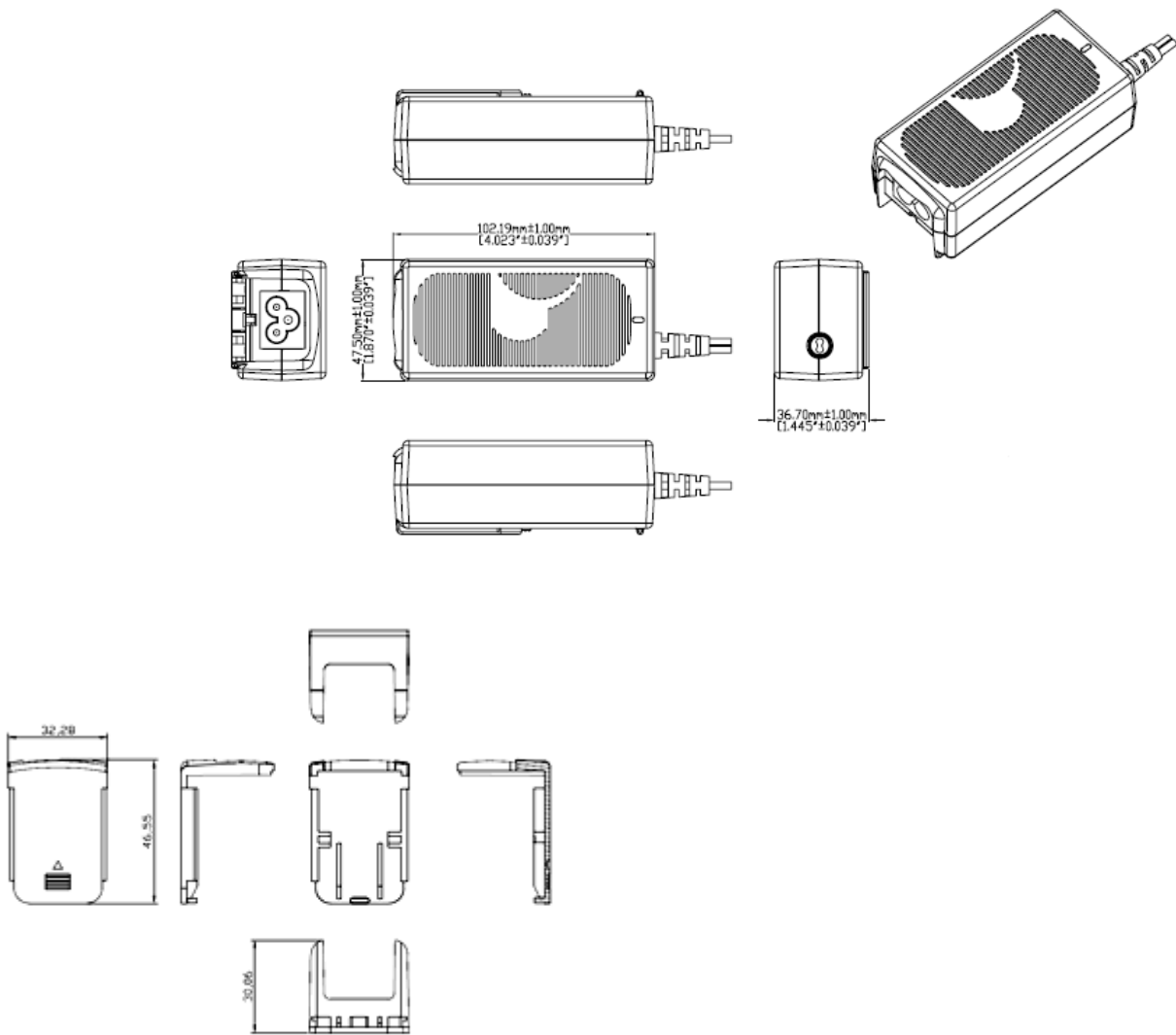
Model No. GTM96300-3619.5-1.5-R3A

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Rev B

3D File Download <https://www.globtek.com/dl/The%20outline%20drawing%20for%20GTM96300-R3%20with%20a%20led%20lens.igs>

Mechanical drawing



Units shipped without an installed input plug
have a "desktop insert" installed.

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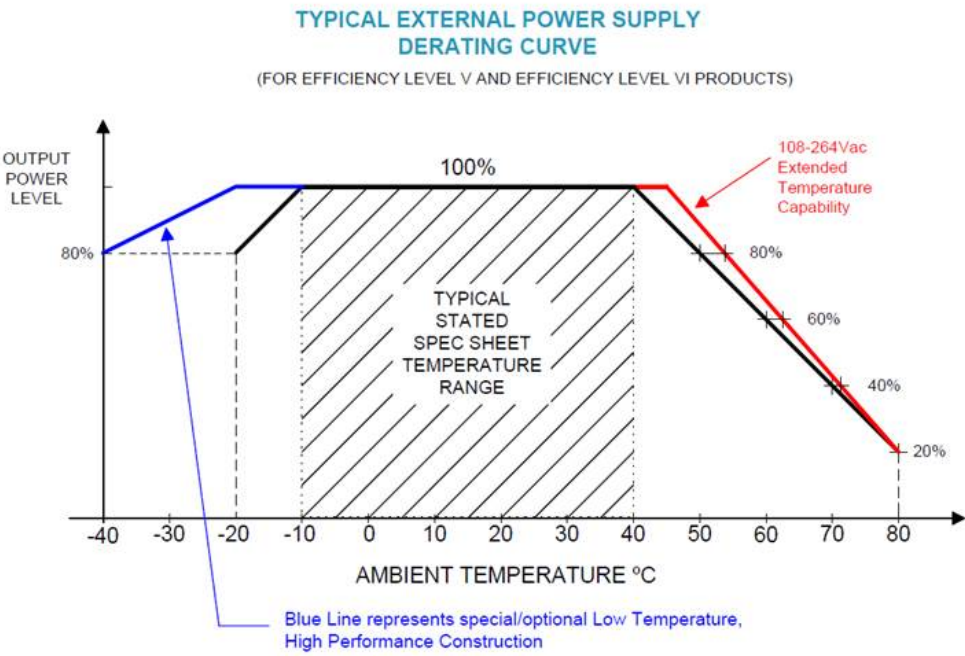
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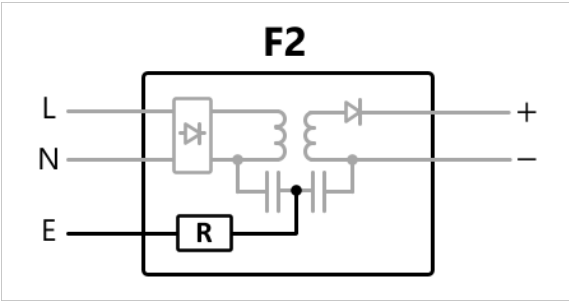
DERATING CURVE



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INPUT CONFIGURATION

(F2) Floating output, functional earth to center of pri-sec bridging capacitors



[Alternate grounding configurations](#) available upon request.

Blades/Cord Included:R-NA-3(R):R-Series 5-15P North America



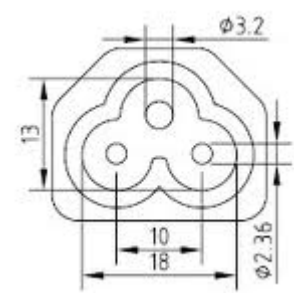
Blades/Cord Installed:R-NA-3(R):R-Series 5-15P North America



T3A Inlet R Series (IEC 60320/C6 / Interchangeable Blade)
IEC 60320/C6 AC Inlet Connector, Class I, Earth Ground (aka "Mickey Mouse")

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[Blade Insertion Instructions](#)
[R-Blade Style Instruction Video](#)

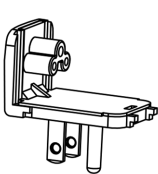


Mates with IEC 60320/C5 Plug

This series of Interchangeable Blade products may be used with Proprietary Interchangeable Blades as described below or with standard international power cords.

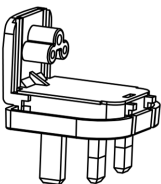
Optional INPUT BLADES: R-Socket: below are available blades configurations which are "not included" (unless stated above); may be purchased separately, packaged with power supply, or as a separate "R-KIT" if specified

- Class I model NEMA 5-15P (Type B), Class I AC power plug with 2 blades & ground pin, R-NA-3(R)
 - Australian AS 3112 (Type I) configuration: SAA 3 pins Class I, R-SAA-3(R)
 - UK BS 1363 (Type G) configuration: UK 3 pins (Ground) Class I, R-UK-3(R)
 - European CEE 7/7 (Type E and F) configuration: European plug 2 PINS + ground, Class I, R-EU-3(R)
 - Desktop Insert
- Kits
- R-KIT-3(R) 1,2,3,4 above
 - R-KIT-3-INTL(R): 2,3,4 above



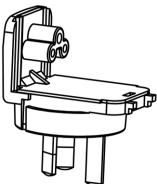
UL 3P

P/N: R-NA-3(R)
NORTH AMERICA
JAPAN



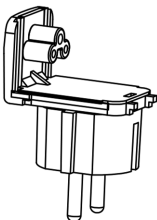
UK 3P

P/N: R-UK-3(R)
UNITED KINGDOM
HONG KONG
SINGAPORE



AUS 3P

P/N: R-SAA-3(R)
AUSTRALIA



EU 3P

P/N: R-EU-3(R)
EUROPE
SOUTH AMERICA

Below are standard cordsets which are "not included" (unless stated above); these can be purchased separately or package with the power supply. Contact your Sales Engineer if the style required is not shown below. Many more available in different lengths, colors or cable material.

[Standard International IEC 320/C5 Cordsets](#)

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-3619.5-1.5-R3A, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C6, , Output Rating: 36.00W, 18.0V@2.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C3775, Blades/Input Cord: R-Series 5-15P North America, Approvals:		
	Model No. GTM96300-3619.5-1.5-R3A		
	Part No./Ordering No. RR9LH2000T00NACIMR6B		Rev B

Part Number / Link	Country	Plug	Connector	Length (mm)	Length (ft)
3021066F712(R)	N. American (Type B)	NEMA 5-15P	IEC 320/C5	1880	6
1191068F0712(R)	N. American (Type B)	NEMA 5-15P Hospital	IEC 320/C5	2459	8
2194262M0712(R)	Argentina (Type I)	IRAM 2073	IEC320/C5	2050	6.7
2064262M0712(R)	Australian (Type I)	AS3112 / 3 PRONG	IEC 320/C5	2000	6.6
204B4262M0712(R)	Brazil (Type N)	BRAZIL	IEC 320/C5	2000	6.6
6023592M5712(R)	China (Type I)	CCC GR2099	IEC 320/C5	2500	8
23144262M0712(R)	Europe (Type E)	CEE 7/7	IEC 320/C5	2050	6.6
2313K3432M0712(R)	Korea (Type F)	KS C 8305	IEC 320/C5	2000	6.6
205IN4262M0712(R)	India (Type D)	India IS 1293 (also known as IA16A3 or BS546)	IEC320/C5	2000	6.6
377C4262M0712(R)	Israel (Type H)	ISL	IEC320/C5	2050	6.7
23024262M0712(R)	Italy (Type L)	CEI 23-16/VII	IEC 320/C5	2000	6.6
3003316F0712(R)	Japan (Type B)	JIS 8303 / 3 PINS	IEC 320/C5	1830	6
3021066F0712ULPSE(R)	Japan / USA (Type B)	JIS 8303 / 3 PINS + NEMA 5-15P	IEC 320/C5	1830	6
2054262M0712(R)	S. Africa (Type D)	South Africa SABS164-1 (6A type plug)	IEC320/C5	2050	6.7
2084262M0712(R)	S.Africa (Type M)	South Africa SABS164-1 (16A type plug)	IEC 320/C5	2000	6.6
23214262M0712(R)	Switzerland (Type J)	SEV 1011 (EL 203)	IEC 320/C5	2000	6.6
3003316F0712(R)	Taiwan (Type B)	BSMI	IEC 320/C5	2000	6.6
6104262M0712(R)	UK, Hong Kong, Singapore, Gulf States (Type G)	BS1363	IEC 320/C5	2000	6.6

PROPRIETARY INFORMATION

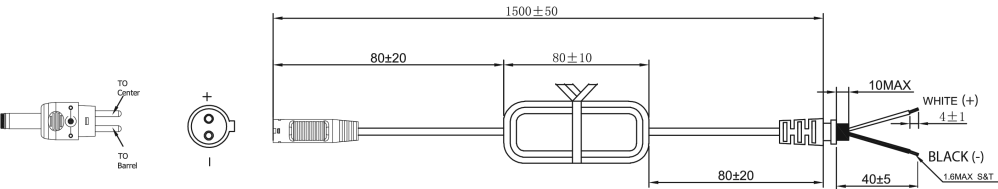
GloTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-3619.5-1.5-R3A, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C6, , Output Rating: 36.00W, 18.0V@2.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C3775, Blades/Input Cord: R-Series 5-15P North America, Approvals:	
	Model No. GTM96300-3619.5-1.5-R3A	
	Part No./Ordering No. RR9LH2000T00NACIMR6B	Rev B

OUTPUT CORD AND CONNECTOR:
T00/C3775

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

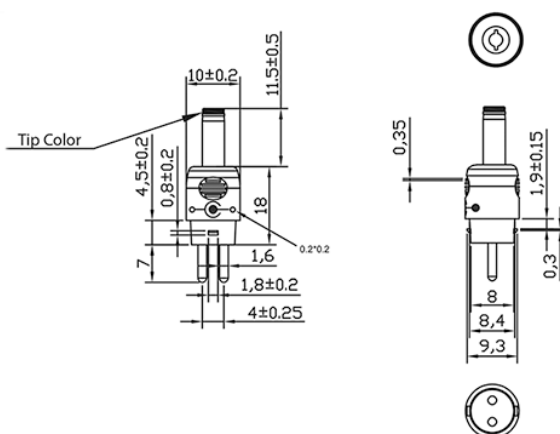
CABLE TYPE	Round Black
CABLE LENGTH (mm)	1500
CABLE TOLERANCE (mm)	± 50
WIRE GAUGE (AWG)	18
CONDUCTORS	2
HANK DIMENSION (mm)	80 ± 10
CABLE / CONNECTOR OVERMOLD COLOR	GlobTek Black
FERRITE TYPE AND DIMENSION	None
FERRITE NUMBER OF TURNS(Definition)	N/A
FERRITE DIMENSION FROM STRAIN RELIEF	N/A
FERRITE DIMENSION FROM PLUG	N/A
PLUG TYPE	T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit)
OUTPUT CONNECTOR GENDER	not applicable
OVERMOLDED	Yes
OVER MOLD ORIENTATION	Straight
CONNECTOR PIN OUT	Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE

This novel system allows for rapid shipment of prototype samples or small quantities of common output voltage and current which can fulfill the needs of most common barrel plug specs. The table below explains the standard and non standard options available as part of this system. This system also allows for both Center Positive and Center Negative polarity.
The T00 plug and adapters are Medical Grade, single use only, Polarized after installation, and not removable without use of special tool.
Any of the below options, and more, are available as molded plugs from stock or special order. Please contact GlobTek for more information.



Cable OD 4.8 ± 0.15 mm
Individual conductor (Black & White) OD value of this 18 AWG cable is 2.0 ± 0.1 mm

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-3619.5-1.5-R3A, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C6, , Output Rating: 36.00W, 18.0V@2.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C3775, Blades/Input Cord: R-Series 5-15P North America, Approvals: Model No. GTM96300-3619.5-1.5-R3A Part No./Ordering No. RR9LH2000T00NACIMR6B Rev B
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Option upon request: STRAIGHT Female Barrels are available for special order in any length between 9mm-14mm

This novel system allows for rapid shipment of prototype samples or small quantities of common output voltage and current which can fulfill the needs of most common barrel plug as well as male plug specs. The table explains the standard and non-standard options available as part of this system. This system also allows for both Center Positive and Center Negative polarity.

The T00 plug and adapters are Medical Grade, single use only, Polarized after installation, and not removable without use of special tool.

Any of the below options, and more, are available as molded plugs from stock or special order. Please contact GlobTek for more information

ADDITIONAL OUTPUT PLUG OPTIONS ARE AVAILABLE AT <https://www.globtek.com/en/connectors>
STANDARD PLUGS AND CONNECTORS CAN BE SEEN ONLINE AT <https://www.globtek.com/en/connectors>
CALCULATE VOLTAGE REGULATION/DROP WITH OUR ONLINE CALCULATOR: <https://www.globtek.com/r2/PtgjL>

<p>GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111</p>	<p>Drawing Title: GTM96300-3619.5-1.5-R3A, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C6, , Output Rating: 36.00W, 18.0V@2.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C3775, Blades/Input Cord: R-Series 5-15P North America, Approvals:</p> <tr> <td data-bbox="300 304 1388 346">Model No. GTM96300-3619.5-1.5-R3A</td><td data-bbox="1388 304 1550 346"></td></tr> <tr> <td data-bbox="300 346 1388 388">Part No./Ordering No. RR9LH2000T00NACIMR6B</td><td data-bbox="1388 346 1550 388">Rev B</td></tr>	Model No. GTM96300-3619.5-1.5-R3A		Part No./Ordering No. RR9LH2000T00NACIMR6B	Rev B
Model No. GTM96300-3619.5-1.5-R3A					
Part No./Ordering No. RR9LH2000T00NACIMR6B	Rev B				

OUTPUT CONNECTOR HOOK UP

TO ADDRESS SYSTEM-LEVEL EMI CONCERNS, FERRITE CHOKES/BEADS MAY BE ADDED/REVISED UPON REQUEST. A SAMPLE KIT OF GLOBTEK’S STANDARD FERRITES IS AVAILABLE UNDER GLOBTEK P/N: EMI-MITIGATION-KIT1

FOR ADDITIONAL INFORMATION, PLEASE READ OUR WHITE PAPER AT:
<https://www.globtek.com/en/technical-articles/ferrite-kit-radiated-emi-suppression-kit-for-globtek-power-supplies-cable-assemblies>

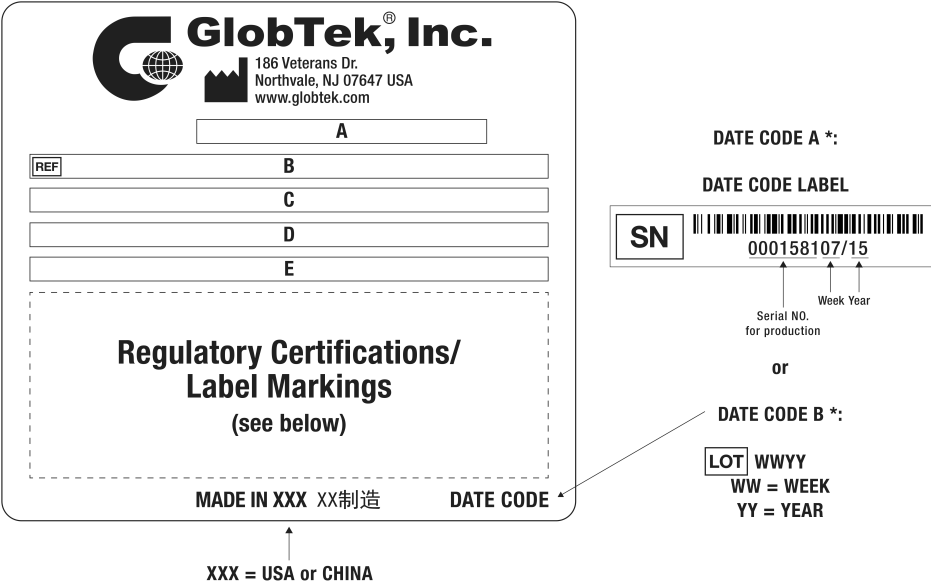
GloTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-3619.5-1.5-R3A, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C6, , Output Rating: 36.00W, 18.0V@2.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C3775, Blades/Input Cord: R-Series 5-15P North America, Approvals:	
	Model No. GTM96300-3619.5-1.5-R3A	
	Part No./Ordering No. RR9LH2000T00NACIMR6B	Rev B


LABEL:L-1470

LABEL P/N	ISO 15223 medical device compliant label
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)	37.5
LABEL HEIGHT (mm)	33.5
SPECIAL BARCODE LABEL MATERIAL	No



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.

Agency logos may be in Regulatory Certifications/Label Markings 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 in the case.



A=Medical/ICT/ITE/Household use Power Supply
B=P/N: (料号) RR9LH2000T00NACIMR6B
C=Model (型号) GTM96300-3619.5-1.5-R3A
D=Input (输入)100-240V~, 50-60 Hz, 1.0A
E=Output (输出)18.0 V  2.0 A, 36.00W

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-3619.5-1.5-R3A, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C6, , Output Rating: 36.00W, 18.0V@2.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C3775, Blades/Input Cord: R-Series 5-15P North America, Approvals: Model No. GTM96300-3619.5-1.5-R3A Part No./Ordering No. RR9LH2000T00NACIMR6B
	Rev B

AGENCY ONLINE DOCUMENTS	http://www.globtek.info/certs/GTM96300-TZ/
CE EC-Declaration for Medical	https://cs.globtek.info/ec_declaration_product?id=01ta0000007dqBk&m=1
CE EC-Declaration for Industrial/Commercial/ITE	https://cs.globtek.info/ec_declaration_product?id=01ta0000007dqBk&i=2
CE EC-Declaration for Household	https://cs.globtek.info/ec_declaration_product?id=01ta0000007dqBk&h=2
UKCA-Declaration for Medical	https://cs.globtek.info/ukca_declaration_product?id=01ta0000007dqBk&m=1
UKCA-Declaration for Industrial/Commercial/ITE	https://cs.globtek.info/ukca_declaration_product?id=01ta0000007dqBk&i=2
UKCA-Declaration for Household	https://cs.globtek.info/ukca_declaration_product?id=01ta0000007dqBk&h=2
Morocco SDoC Declaration	https://cs.globtek.info/Morocco_SDoC_Declaration?id=a0Oa000000Mm3T6EAJ
RoHS/RoHS3 Declaration	https://www.globtek.com/pdf/rohs_cert/01ta0000007dqBkAAI
REACH Declaration	https://www.globtek.com/pdf/iso_certificates/REACH.pdf
Conflict Minerals Declaration	https://www.globtek.com/pdf/conflict-minerals.pdf
Prop 65 Statement	https://www.globtek.com/prop-65-statement.pdf
IPXY rating is based on 3rd party testing and customers should check suitability and test system level IPXY rating before ordering.	
<h2>Regulatory Certifications/Label Markings</h2> <p>Below follows a link to the latest regulatory certifications and marks for this specific product. National standards as well as certification schemes are constantly changing and so is the set of certification marks and symbols applicable to this product. Various standards, marks and symbols, and certificates are subject to change at any time without notice.</p> <p>Additional standards or unique country certifications are available upon request. Please contact Globtek to request a quotation.</p> <p>LATEST PRODUCT/MODEL CERTIFICATIONS: https://www.globtek.com/ds/a95btotw24A/Tj75eA2J9oB.html</p>	
AGENCY ONLINE DOCUMENTS	http://www.globtek.info/certs/GTM96300-TZ/
	(F2) Floating output, functional earth to center of pri-sec bridging capacitors
	Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-s MOLDED CONNECTORS AVAILABLE

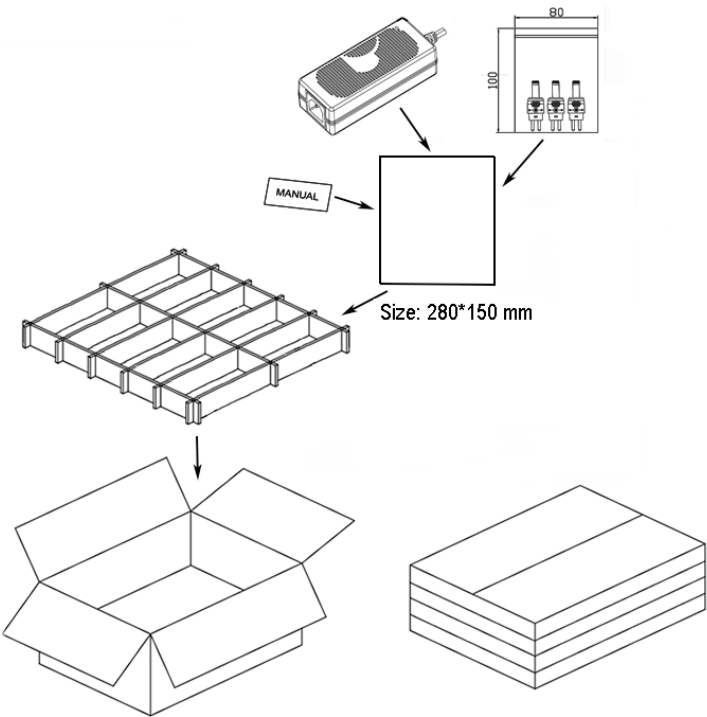
<p>GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111</p>	<p>Drawing Title: GTM96300-3619.5-1.5-R3A, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C6, , Output Rating: 36.00W, 18.0V@2.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C3775, Blades/Input Cord: R-Series 5-15P North America, Approvals:</p> <p>Model No. GTM96300-3619.5-1.5-R3A</p> <p>Part No./Ordering No. RR9LH2000T00NACIMR6B</p>	<p>Rev B</p>
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PACKAGING

Packing Spec P/N	Cell packing for DT plug model with T00 plug and manual
Box Qty	36
Gift Box Size (mm)	Egg Crate
Gift Box Color	White
Master Carton Size (mm)	442 x 330 x 275
Master Carton Cubic Volume (m³)	0.04
Master GW (Kg)	15.2 kg
BLADES INCLUDED	R-NA-3(R): R-Series 5-15P North America
BLADE/CORD INSTALLED	R-NA-3(R): R-Series 5-15P North America
USER MANUAL*	809-DESKTOPUSERMANUAL on A4 paper
USER MANUAL WEB LINK	https://www.globtek.com/pdf/809-DESKTOPUSERMANUAL.jpg

* This specification sheet is considered the user manual for all applications. It is expected that the buyer of this product will use it to formulate their own user manual for their end product and a user manual specifically for the power adapter is not usually required. If a user manual is not specifically listed above then none will be provided with this unit.

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.



Drawing Title: GTM96300-3619.5-1.5-R3A, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive
 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor,
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 MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in
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Part No./Ordering No. RR9LH2000T00NACIMR6B

Rev B

GlobTek, Inc.

T-Tip Instructions

- Color of tip indicates dimensions of barrel
- Polarity is dependent on how tip is inserted in T-Barrel

Pin Connector to Center

Pin Connects to Barrel

PART NO	DIAMETER		LENGTH	TIP COLOR
	OUTER	INNER		
TC-12(SR)	0.5	2.1	12	YELLOW
TL-12(SR)	0.5	2.5	12	BLACK
TK-11(SR)	3.5	1.3	11	BLUE
TEJ2-95(SR)	4.0	1.7	9.5	BROWN
TEJ3-95(SR)	4.75	1.7	9.5	RED
TEJ4-95(SR)	5.5	3.3	9.5	ORANGE
TEJ1-95(SR)	2.35	0.7	9.5	YELLOW
TEJ5-115(SR)	6.5	6.0	11.5	BLACK
P-T-STER-14(R)	3.5	-	14	-
P-T-S-MONO-14(R)	3.5	-	14	-
T-S-S-MONO-11(R)	2.5	-	11	-
T-S-S-STER-11(R)	2.5	-	11	-

90mm±0/-0.2

80mm±0/-0.2

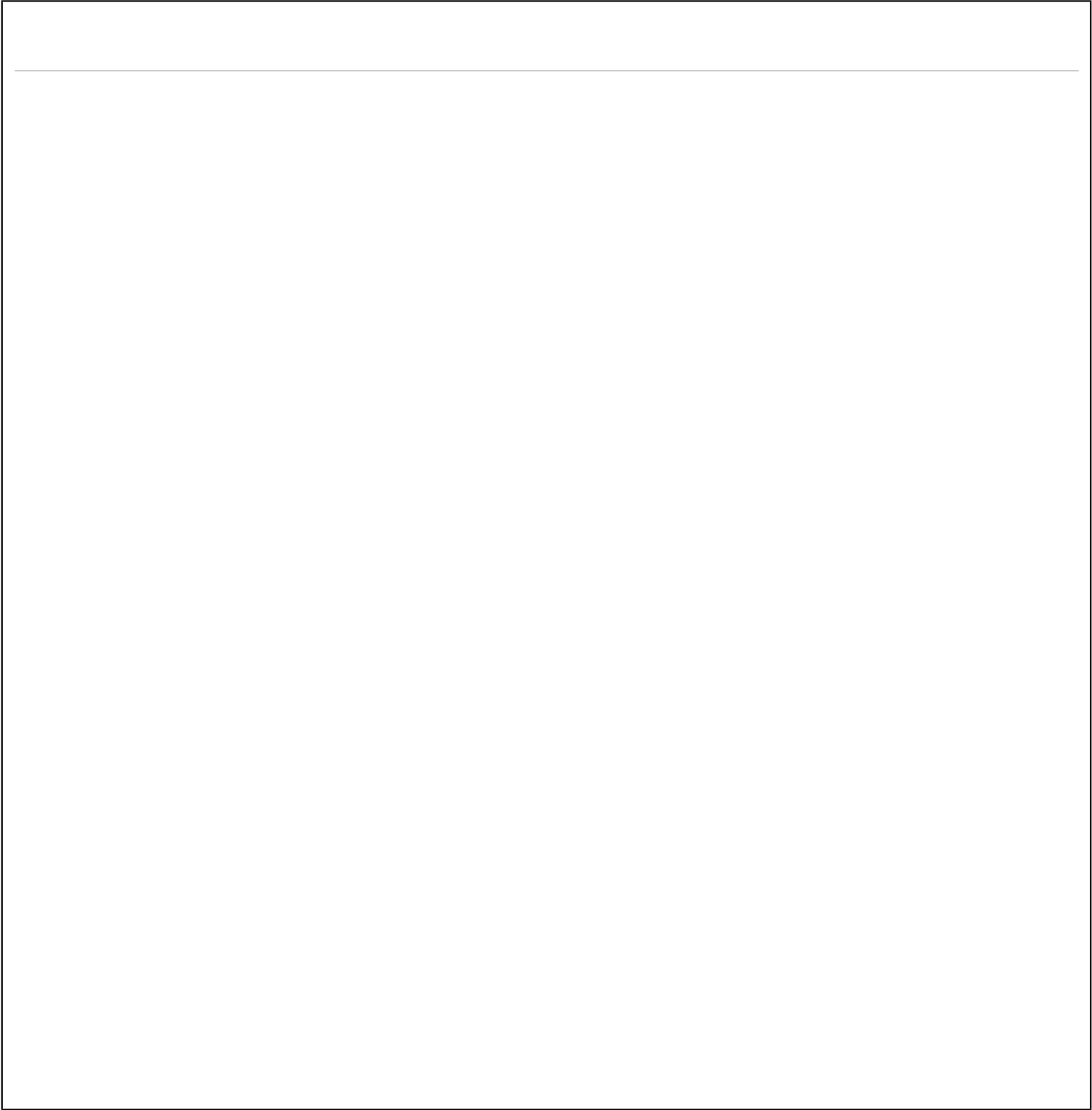
Diagram of a rectangular label with dimensions and text:

- Width: $80\text{mm}+0/-0.2$
- Height: $90\text{mm}+0/-0.2$
- Text inside the label:
 - Plugs can only be inserted one time
 - Molded options available upon request

SHEET B

Arial Bold/18pt

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-3619.5-1.5-R3A, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C6, , Output Rating: 36.00W, 18.0V@2.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C3775, Blades/Input Cord: R-Series 5-15P North America, Approvals:	
	Model No. GTM96300-3619.5-1.5-R3A	
	Part No./Ordering No. RR9LH2000T00NACIMR6B	Rev B



GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-3619.5-1.5-R3A, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C6, , Output Rating: 36.00W, 18.0V@2.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C3775, Blades/Input Cord: R-Series 5-15P North America, Approvals: Model No. GTM96300-3619.5-1.5-R3A Part No./Ordering No. RR9LH2000T00NACIMR6B
	Rev B

INSTRUCTIONS TO THE OEM SYSTEMS ENGINEER

It is the responsibility of the OEM systems engineer to provide the end system user instructions and warnings for the use of this product in the end system.

If an input cord is required for this product, AC Mains voltage should be provided to the power supply by a power supply cord approved to the national standards of the country in which it will be used.

This product is not designed to be repaired. No serviceable parts inside. A blown internal fuse is an indication of catastrophic failure of circuit component(s). If a Failure Analysis is required for a failed power supply/battery charger, please return the damaged unit to GlobTek for an accurate determination of the root cause of the failure.

EMC Compliance of the complete OEM product, including the GlobTek power supply/battery charger needs to be verified by the OEM systems engineer.

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-3619.5-1.5-R3A, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C6, , Output Rating: 36.00W, 18.0V@2.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C3775, Blades/Input Cord: R-Series 5-15P North America, Approvals:	
	Model No. GTM96300-3619.5-1.5-R3A	
	Part No./Ordering No. RR9LH2000T00NACIMR6B	Rev B

INSTRUCTION SHEET

N/A

GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647 Tel. (201) 784-1000 Fax (201) 784-0111	Drawing Title: GTM96300-3619.5-1.5-R3A, Medical/ICT/ITE/Household use Power Supply, Efficiency Level: USA DOE Level VI / Eco-design Directive 2009/125/EC, (EU) 2019/1782, Case Color/Style: GlobTek Black, Wall Plug-in+Desktop Combination, Regulated Switchmode AC-DC Power Supply AC Adaptor, Input Rating: 100-240V~, 50-60 Hz, IEC 60320/C6, , Output Rating: 36.00W, 18.0V@2.0A, Pin Out: Polarity Configuration T00 All plugs are Medical Grade, Locking, Polarized once installed, and single use only. Product demonstration link: https://en.globtek.com/news/t00-changeable-output-plug-system-for-power-supplies MOLDED CONNECTORS AVAILABLE, Output Configuration: 1500 mm, 18/2 Cond, Round Black, T-plug system (includes 5.5x2.5, 5.5x2.1, 3.5x1.3mm plugs in each kit), Ferrite: None, GlobTek Black, GT Cord # C3775, Blades/Input Cord: R-Series 5-15P North America, Approvals:	
	Model No. GTM96300-3619.5-1.5-R3A	
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